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PENNSYLVANIA VITAL STATISTICS
ANNUAL REPORT, 1989

DEPARTMENT OF HEALTH

STATE HEALTH DATA CENTER
HARRISBURG, PA

April, 1991

The Mission of the Pennsylvania Department of Health is to develop an effective public health system which promotes the optimal health of Pennsylvania's citizens and reduces their need for medical care by:

- Assisting citizens to adopt healthful behaviors, eliminating preventable illness,
- Reducing the severity of illness and disability,
- Facilitating access to high quality health care in the appropriate setting and
- Identifying and eliminating health hazards.

The Pennsylvania Department of Health is an equal opportunity provider of grants, contracts, services and employment.

PENNSYLVANIA VITAL STATISTICS 1989

PREFACE

This publication of 1989 vital statistics for Pennsylvania was prepared by the Division of Health Statistics and Research of the State Health Data Center, Pennsylvania Department of Health.

This 1989 report incorporates several changes from the 1988 edition. Most of the changes made to this 1989 report were developed in accordance with recommendations made by staff and others who commented on the content of previous reports and as a result of recent, major revisions to our data collection instruments. We thank our users for any compliments and suggestions and encourage their contributions.

Effective with 1989 events, newly revised certificates of live birth and death were implemented in Pennsylvania (See Figures I and II.). The changes to the Pennsylvania certificates were adopted to correspond with the United States Standard Certificates of Live Birth and Death that were recently developed and released by the National Center for Health Statistics. Major changes to the Pennsylvania Certificate of Death include expansion of the "Cause of Death" and "Certifier" sections and the addition of information on Hispanic origin. The revised Pennsylvania Certificate of Live Birth has more major changes than the death certificate. These changes include use of checklists for medical conditions (i.e., medical risk factors for the pregnancy, complications of labor/delivery, abnormal conditions of the newborn and congenital anomalies) and method of delivery. Additions to the birth certificate include sections on facility transfer of mother and/or infant, obstetric procedures (i.e., amniocentesis, ultrasound, etc.) and Hispanic origin of the parents. All of these revisions should provide more complete and accurate reporting, as well as additional information of value to those concerned about the health status of Pennsylvania's citizens.

The revisions to the birth and death certificates have resulted in some changes to the data tables presented in this 1989 report. For example, data on method of delivery can now show use of primary versus repeat cesarean sections and vaginal birth after previous cesarean section. Also, please note that all birth data by race are presented now by race of the mother. In the past, the race of the child was used in the release and use of birth statistics. However, since race of the child is not a reportable item on the certificate and had to be calculated according to a standard algorithm, the National Center for Health Statistics recommended that states change to race of the mother. In addition to revisions of the birth and death certificates, changes to the Abortion Control Act in regard to the reporting of induced abortions require submission of a *Report of Induced Termination of Pregnancy* (See Figure IV.) for every procedure. In the past, only quarterly reporting of aggregate occurrence data was required. This change allows us to expand the induced abortion statistics section to include resident data and more detailed information. We hope these changes will provide new, better perspectives on the vital events that Pennsylvanians experience.

The State Health Data Center welcomes comments and suggestions on the content and format of this report. The State Health Data Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request. See Appendix B for a detailed list.

Please address all comments, questions, requests for data, etc. to:

STATE HEALTH DATA CENTER
PENNSYLVANIA DEPARTMENT OF HEALTH
P.O. BOX 90
HARRISBURG, PA 17108

(717) 783-2548

TABLE OF CONTENTS

POPULATION STATISTICS

PAGE

Highlights 4
List of Data Tables and Illustrations 6
State Tables and Illustrations 8
County Table and Map 12
Municipality Table 14

NATALITY STATISTICS

Highlights 16
List of Data Tables and Illustrations 23
State Tables and Illustrations 26
County Tables, Maps, and Illustrations 42
Municipality Tables and Illustration 64

MORTALITY STATISTICS

Highlights 73
List of Data Tables and Illustrations 83
State Tables and Illustrations 88
County Tables and Maps 142
Municipality Tables and Illustrations 172

INDUCED ABORTION STATISTICS

Highlights 190
List of Data Tables and Illustrations 192
State Tables and Illustrations 193
County Tables and Map 196

MARRIAGE AND DIVORCE STATISTICS

Highlights 202
List of Data Tables and Illustrations 204
Marriage Tables and Illustrations 205
Divorce Tables and Illustration 211
County Marriage and Divorce Table 213

TECHNICAL NOTES

A. Sources of Data 216
B. Data Quality 217
C. Geography 218
D. Definitions of Terms 218
E. Rates 220
F. Selected Causes of Death 221
G. Multiple Causes of Death 222

Appendix A - Vital Records Registration in Pennsylvania 223
Appendix B - Additional Statistics Available 224
Appendix C - Errata: Revised Age-Adjusted Rates 226
Certificates of Live Birth, Death, and Fetal Death 229
Report of Induced Termination of Pregnancy 232
Pennsylvania County Outline Map 233

1989 POPULATION STATISTICS -- Data Highlights

THE STATE:

Total Population The 1989 estimates indicate that Pennsylvania's resident population was 12,040,102 -- an increase of 176,207 persons or 1.5 percent from the 1980 U.S. Bureau of the Census enumerated figure of 11,863,895. Pennsylvania's population has increased by just over 1.5 million from the 1950 census enumerated figure of 10,498,012. However, over half of that increase occurred between 1950 and 1960. From 1960 to 1970, the state's population increased by just under 500,000, but, from 1970 to 1980, there was only an increase of approximately 70,000 persons. Pennsylvania's total population has remained relatively stable since 1970.

Population by Age Since 1950, the percent of the state population under 15 years of age has decreased from 25.0 percent to 19.9 percent in 1989 while the percentage of the population 65 years of age and older has increased from 8.4 percent to 14.7 percent. Also, in 1950, the median age of the state's residents was 31.3. By 1980, it had increased only slightly to 32.1; however, by 1989, the median age had already increased to 34.3.

Population by Race Races other than white made up 10.5 percent of the total population in 1989, compared to 9.6 percent in 1980. The number of whites in the state increased by 44,258 or 0.4 percent between 1980 and 1989 while the number of nonwhites increased by 131,949 or 11.6 percent. Children under 15 years of age accounted for 19.2 percent of the 1989 white population in the state, compared to 25.6 percent for all other races. Also, 9.7 percent of the nonwhite population was 65 years of age or older in 1989. Among whites, 15.3 percent were 65 or older. These figures reflect the fact that the median age among whites in 1989 was 34.9, compared to 28.9 among those of all other races.

Population by Sex Both the total female and male estimated populations remained stable between 1980 and 1989, with only slight increases in the number of males (1.5 percent) and females (1.4 percent). Females made up 52.1 percent of the 1989 population, outnumbering males by 499,026. The median age for males in 1989 was 32.6, compared to 35.9 for females. Population declines between 1980 and 1989 occurred in the age groups 5-24 (13.1 percent) and 50-64 (14.9 percent). The largest population increases between 1980 and 1989 occurred within the age groups of 75 and over (34.2 percent) and 30-44 (28.1 percent).

Age/Sex Profile The profile of Pennsylvania's estimated 1989 population by age and sex (Figure A-2) visibly demonstrates the effects of several major factors -- the low birth rates that have prevailed for the last 15 years, the baby boom which followed World War II and lasted into the mid-1960's, the low birth rates of the 1930's, and the large mortality differential between males and females in the later years of life.

COUNTIES:

Percent Change 1980-89

Of the 67 counties, 32 were estimated to experience population gains and 35 had losses from 1980 to 1989, as compared to 57 and 10, respectively, between 1970 and 1980. Over 51 percent of the population losses occurred in two counties -- Allegheny and Philadelphia. However, the number and percentage decrease in population was 42,054 and 2.5 percent for Philadelphia County, compared to 92,036 and 6.3 percent for Allegheny County. Six other counties (Beaver, Cambria, Fayette, Luzerne, Washington and Westmoreland) accounted for another 26.2 percent of the losses. Nine counties had a growth rate above 10.0 percent between 1980 and 1989 -- Pike (57.0), Monroe (40.2), Wayne (17.2), Lancaster (16.2), Chester (15.9), Perry (14.3), Bucks (13.5), Fulton (11.3) and Cumberland (10.1).

As the state map (Figure A-3) of percent population change by county demonstrates, the northeastern, southeastern and southcentral regions of the state have accounted for almost all of the population gains between 1980 and 1989. Only one county in the western part of the state had an increase in population between 1980 and 1989 -- Butler (3.6 percent).

CITIES & BOROUGHS:

Percent Change 1980-89

Of the 27 municipalities listed in this report, only seven showed a percentage increase in population between 1980 and 1989 and the gains were modest -- Lancaster (7.9 percent), Easton (5.8 percent), Lebanon (4.7 percent), Bethlehem (3.8 percent), York (1.5 percent), Allentown (1.4 percent) and Bethel Park (1.2 percent). Estimated population losses of 10.0 percent and above occurred in six municipalities, all but one in the western part of the state -- Sharon (20.1 percent), McKeesport (16.5 percent), Johnstown (16.3 percent), Pittsburgh (12.4 percent), New Castle and State College (both 11.9 percent).

NOTES: Since Philadelphia is a city/county, figures for that municipality appear in both the county and municipality tables for the user's convenience. See the *Technical Notes* section in the back of this report for complete qualifications regarding the population figures shown in this section.

LIST OF DATA TABLES AND ILLUSTRATIONS

POPULATION DATA TABLES PAGE

Table A-1 Population in Pennsylvania, 1950-1989 8

Table A-2 Population by Age and Race: Pennsylvania, 1989 9

Table A-3 Population by Age and Sex: Pennsylvania, 1980 and 1989 10

Table A-4 Population by County: Pennsylvania, 1980 and 1989 12

Table A-5 Population for Selected Municipalities: Pennsylvania, 1980 and 1989 14

POPULATION DATA ILLUSTRATIONS PAGE

Figure A-1 Population, Percent by Age Group, Pennsylvania, 1950, 1960, 1970, 1980, and 1989 8

Figure A-2 Population by Age and Sex, Pennsylvania, 1989 11

Figure A-3 State Map: Percent Population Change by County, Pennsylvania, 1980 to 1989 13

TABLE A-1
POPULATION* IN PENNSYLVANIA, 1950-1989

YEAR	POPULATION	YEAR	POPULATION	YEAR	POPULATION
1989	12,040,102				
1988	12,002,236	1975	11,828,200	1962	11,376,000
1987	11,936,396	1974	11,835,400	1961	11,468,000
1986	11,889,165	1973	11,902,000	1960	11,319,366
1985	11,863,672	1972	11,926,000	1959	11,323,000
1984	11,900,701	1971	11,879,000	1958	11,101,000
1983	11,894,700	1970	11,793,909	1957	11,166,000
1982	11,885,330	1969	11,803,000	1956	11,132,000
1981	11,870,960	1968	11,755,400	1955	11,132,000
1980	11,863,895	1967	11,646,000	1954	10,895,800
1979	11,730,500	1966	11,637,900	1953	10,829,100
1978	11,749,900	1965	11,535,200	1952	10,733,700
1977	11,785,200	1964	11,459,000	1951	10,594,900
1976	11,862,000	1963	11,424,000	1950	10,498,012

*1950, 1960, 1970 AND 1980 POPULATIONS AS ENUMERATED BY THE U.S. BUREAU OF THE CENSUS. 1981 THROUGH 1989 ESTIMATED POPULATIONS AS PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG. ESTIMATED POPULATIONS FOR ALL OTHER YEARS AS PREPARED BY THE PENNSYLVANIA OFFICE OF STATE PLANNING AND DEVELOPMENT.

FIGURE A-1
POPULATION, PERCENT BY AGE GROUP
PENNSYLVANIA, 1950, 1960, 1970, 1980, AND 1989

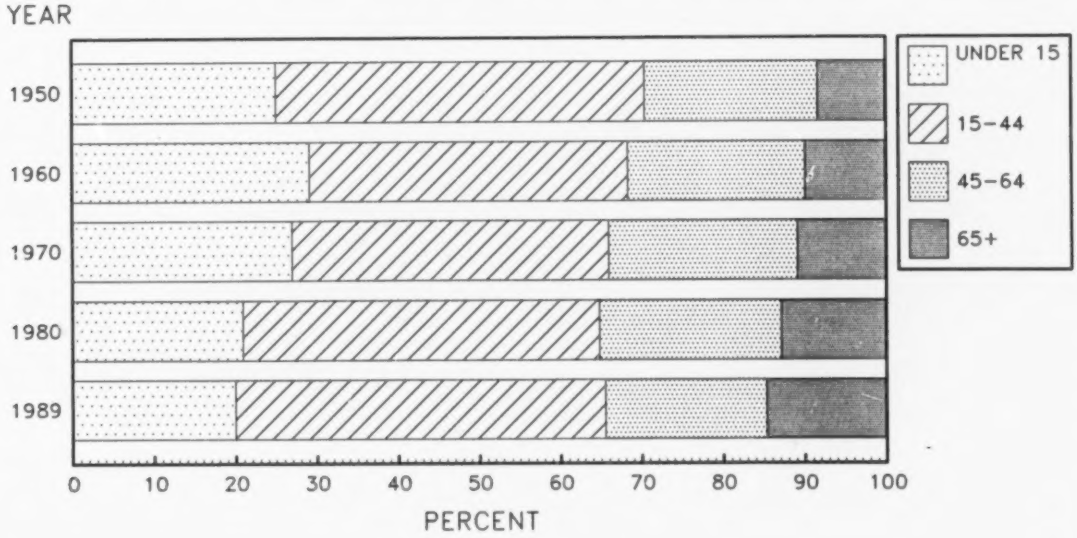


TABLE A-2
POPULATION BY AGE AND RACE: PENNSYLVANIA, 1989

AGE GROUP (IN YEARS)	ALL RACES	WHITE	RACES OTHER THAN WHITE
ALL AGES	12,040,102	10,773,600	1,266,502
UNDER 1 YEAR	170,299	141,457	28,842
1-4	655,182	557,182	98,000
5-9	798,022	695,878	102,144
10-14	770,719	674,894	95,825
15-19	878,841	775,447	103,394
20-24	923,095	810,707	112,388
25-29	966,575	848,785	117,790
30-34	1,007,871	899,968	107,903
35-39	907,319	817,189	90,130
40-44	803,396	725,563	77,833
45-49	652,826	591,353	61,473
50-54	568,103	515,571	52,532
55-59	565,032	516,012	49,020
60-64	602,756	556,030	46,726
65-69	545,171	505,628	39,543
70-74	437,284	408,434	28,850
75-79	331,614	309,725	21,889
80-84	215,233	200,794	14,439
85 AND OVER	240,764	222,983	17,781

SOURCE: 1989 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

TABLE A-3
POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1989

	BOTH SEXES		MALE		FEMALE	
AGE GROUP (IN YEARS)	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AGES	12,040,102	11,863,895	5,770,538	5,682,590	6,269,564	6,181,305
UNDER 1 YEAR	170,299	158,327	87,455	80,893	82,844	77,434
1-4	655,182	589,131	335,803	301,378	319,379	287,753
5-9	798,022	805,151	408,784	412,460	389,238	392,691
10-14	770,719	931,891	394,133	476,210	376,586	455,681
15-19	878,841	1,080,610	447,088	545,210	431,753	535,400
20-24	923,095	1,059,815	469,485	522,900	453,610	536,915
25-29	966,575	945,051	483,079	468,512	483,496	476,539
30-34	1,007,871	847,847	496,320	416,215	511,551	431,632
35-39	907,319	682,283	444,220	330,811	463,099	351,472
40-44	803,396	591,789	392,104	284,324	411,292	307,465
45-49	652,826	600,257	313,204	286,858	339,622	313,399
50-54	568,103	695,755	269,115	329,850	298,988	365,905
55-59	565,032	712,074	263,009	332,033	302,023	380,041
60-64	602,756	632,981	274,215	289,152	328,541	343,829
65-69	545,171	537,045	236,049	235,802	309,122	301,243
70-74	437,284	407,020	177,123	166,668	260,161	240,352
75-79	331,614	282,000	125,825	104,968	205,789	177,032
80-84	215,233	174,908	75,059	59,328	140,174	115,580
85 AND OVER	240,764	129,960	78,468	39,018	162,296	90,942

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1989 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF
THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A–2
POPULATION BY AGE AND SEX
PENNSYLVANIA, 1989

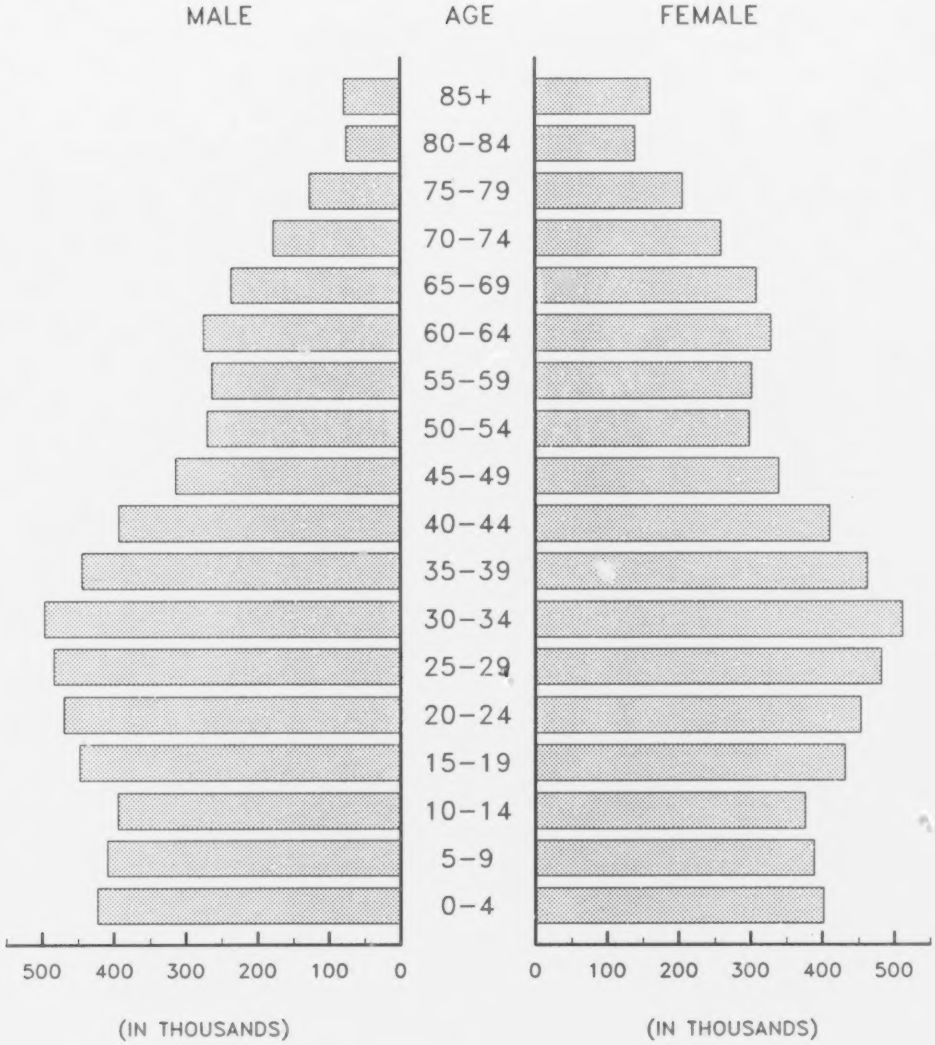
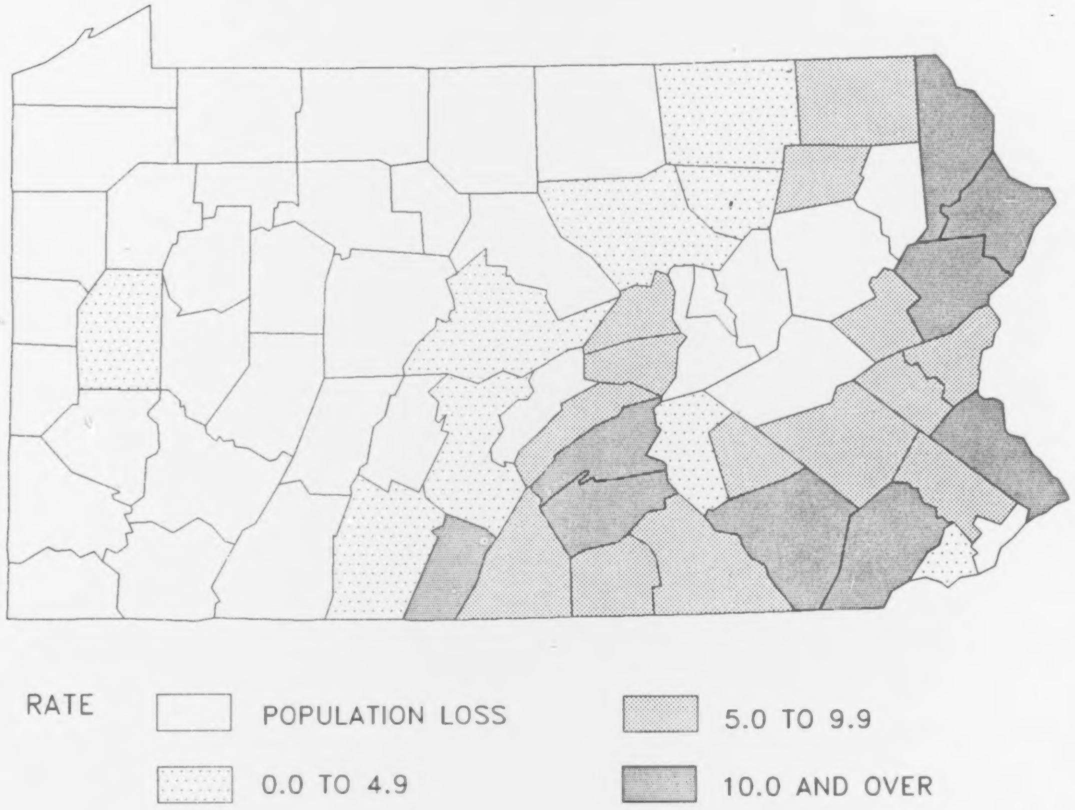


TABLE A-4
POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1989

COUNTY	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1989	COUNTY	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1989
ALL COUNTIES	12,040,102	11,863,895	1.5				
ADAMS	74,917	68,292	9.7	LACKAWANNA	222,789	227,908	-2.2
ALLEGHENY	1,358,049	1,450,085	-6.3	LANCASTER	420,941	362,346	16.2
ARMSTRONG	77,428	77,768	-0.4	LAWRENCE	101,151	107,150	-5.6
BEAVER	190,342	204,441	-6.9	LEBANON	114,845	108,582	5.8
BEDFORD	47,894	46,784	2.4	LEHIGH	292,456	272,349	7.4
BERKS	333,291	312,509	6.7	LUZERNE	334,293	343,079	-2.6
BLAIR	132,783	136,621	-2.8	LYCOMING	119,322	118,416	0.8
BRADFORD	64,577	62,919	2.6	MCKEAN	45,282	50,635	-10.6
BUCKS	544,115	479,211	13.5	MERCER	122,225	128,299	-4.7
BUTLER	153,179	147,912	3.6	MIFFLIN	46,766	46,908	-0.3
CAMBRIA	169,498	183,263	-7.5	MONROE	97,284	69,409	40.2
CAMERON	6,417	6,674	-3.9	MONTGOMERY	691,091	643,621	7.4
CARBON	56,640	53,285	6.3	MONTOUR	16,531	16,675	-0.9
CENTRE	115,383	112,760	2.3	NORTHAMPTON	247,389	225,418	9.7
CHESTER	367,035	316,660	15.9	NORTHUMBERLAND	99,092	100,381	-1.3
CLARION	41,595	43,362	-4.1	PERRY	40,823	35,718	14.3
CLEARFIELD	80,924	83,578	-3.2	PHILADELPHIA	1,646,156	1,688,210	-2.5
CLINTON	38,375	38,971	-1.5	PIKE	28,688	18,271	57.0
COLUMBIA	61,282	61,967	-1.1	POTTER	17,587	17,726	-0.8
CRAWFORD	85,435	88,869	-3.9	SCHUYLKILL	155,180	160,630	-3.4
CUMBERLAND	196,633	178,541	10.1	SNYDER	36,192	33,584	7.8
DAUPHIN	242,141	232,317	4.2	SOMERSET	80,478	81,243	-0.9
DELAWARE	558,187	555,007	0.6	SULLIVAN	6,474	6,349	2.0
ELK	36,258	38,338	-5.4	SUSQUEHANNA	40,788	37,876	7.7
ERIE	276,568	279,780	-1.1	TIOGA	40,772	40,973	-0.5
FAYETTE	150,257	159,417	-5.7	UNION	35,455	32,870	7.9
FOREST	4,789	5,072	-5.6	VENANGO	60,544	64,444	-6.1
FRANKLIN	119,946	113,629	5.6	WARREN	45,381	47,449	-4.4
FULTON	14,295	12,842	11.3	WASHINGTON	208,588	217,074	-3.9
GREENE	39,316	40,476	-2.9	WAYNE	41,296	35,237	17.2
HUNTINGDON	42,692	42,253	1.0	WESTMORELAND	378,324	392,294	-3.6
INDIANA	91,468	92,281	-0.9	WYOMING	28,086	26,433	6.3
JEFFERSON	47,457	48,303	-1.8	YORK	338,264	312,963	8.1
JUNIATA	20,403	19,188	6.3				

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1989 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF
THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A-3
PERCENT POPULATION CHANGE BY COUNTY
PENNSYLVANIA, 1980 TO 1989



NOTE: STATE PERCENT IS 1.5.

TABLE A-5
POPULATION FOR SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1989

MUNICIPALITY	1989 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1989
ALLENTOWN	105,260	103,758	1.4
ALTOONA	52,540	57,078	-8.0
BETHEL PARK	35,160	34,755	1.2
BETHLEHEM	73,130	70,419	3.8
CHESTER	41,980	45,794	-8.3
EASTON	27,540	26,027	5.8
ERIE	111,560	119,123	-6.3
HARRISBURG	51,470	53,264	-3.4
HAZLETON	25,380	27,318	-7.1
JOHNSTOWN	29,720	35,496	-16.3
LANCASTER	59,030	54,725	7.9
LEBANON	26,910	25,711	4.7
MCKEESPORT	25,890	31,012	-16.5
MONROEVILLE	29,720	30,977	-4.1
NEW CASTLE	29,630	33,621	-11.9
NORRISTOWN	32,610	34,684	-6.0
PHILADELPHIA	1,646,156	1,688,210	-2.5
PITTSBURGH	371,600	423,960	-12.4
PLUM	24,910	25,390	-1.9
READING	75,560	78,686	-4.0
SCRANTON	80,750	88,117	-8.4
SHARON	15,220	19,057	-20.1
STATE COLLEGE	31,830	36,130	-11.9
WEST MIFFLIN	24,300	26,322	-7.7
WILKES-BARRE	46,760	51,551	-9.3
WILLIAMSPORT	31,780	33,401	-4.9
YORK	45,290	44,619	1.5

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1989 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

NATALITY

1989 NATALITY STATISTICS -- Data Highlights

THE STATE:

Total Births There were 168,108 resident live births reported in 1989 for Pennsylvania, an increase of 2,939 or 1.8 percent from the 165,169 recorded in 1988. This is the highest annual number of resident live births in eighteen years, since 1971, and is also the largest annual increase since 1979. This increase for 1989 is the fifth year in a row that the total number of resident live births for the state has risen. The 1989 birth rate per 1,000 population was 14.0 which is also the highest annual resident live birth rate recorded for the state since 1971.

Fertility Rates The 1989 general fertility rate of 61.0 live births per 1,000 females 15-44 years of age was slightly higher than the 1988 rate of 60.1. Over the past thirty years, the general fertility rate has declined by approximately 40 percent.

The 1989 total fertility rate (TFR) was 1778.0, the highest annual TFR since 1972 when it was 1892.5. This rate estimates the number of children a cohort of 1,000 females would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect during that particular year. A TFR of 2000.0 indicates that, on the average, couples have produced at least two children to replace themselves. (See the *Definitions of Rates* section of the *Technical Notes* in the back of this report for more discussion of total fertility rates.) Pennsylvania's TFR has been under 2000.0 since 1972. However, it has remained relatively stable since then, although still below replacement level.

In comparing Pennsylvania birth and fertility rates with the United States rates back to 1950, Pennsylvania's rates have been consistently lower, even during the "babyboom" years of 1950 through 1964.

Age of Mother The median age of a Pennsylvania woman giving birth in 1989 was 27.2 compared to 24.7 in 1970. The number of live births to mothers under 25 years of age has declined by 19.0 percent since 1980 and 40.0 percent since 1970. In 1970, mothers under 25 years of age accounted for 52.2 percent of all live births. In 1980, they accounted for 46.9 percent; however, by 1989, only 35.8 percent of all births were to mothers under 25 years of age. Total annual numbers and percentages of births to mothers 25-29 years of age (54,374 and 32.3 percent in 1989) have remained relatively constant since 1970. However, the number of births among mothers aged 30-44 years has increased by 66.2 percent, compared to 1980 figures. Also, mothers aged 30-44 years accounted for 20.3 percent of the resident live births during 1980. By 1989, this age group was responsible for 31.8 percent (almost one-third) of all the resident live births recorded for the state.

The 1989 age-specific birth rates were lower for all age groups, compared to 1970 figures, except for females under 15 years of age and 30-34 years of age. However, the differences were very small, 0.8 in 1970 compared to 1.1 in 1989 for females under 15 and 75.7 in 1970 compared to 76.4 in 1989 for females 30-34 years of age. The total birth rate or general fertility rate per 1,000 females 15-44 years of age has decreased by 24.3 percent since 1970, from 80.6 to 61.0 in 1989. However, the 1989 rate was slightly higher than the corresponding rates for 1985 (58.8), 1980 (60.1) and 1975 (58.7).

Sex and Race

In 1989, 51.3 percent of the live births were male and 48.7 percent were female. Births to mothers of races other than white in 1989 accounted for 16.5 percent of all births, compared to 12.9 in 1980, a percentage increase of 27.9. In almost 23 percent of the births to mothers of races other than white in 1989, the mother was a teenager (under 20 years of age), compared to 9.1 percent for white mothers. This reflects the fact that the median age among white mothers was 27.6 while the median age of nonwhite mothers was 24.5 in 1989.

The 1989 birth rate or general fertility rate per 1,000 females aged 15-44 years by race of mother was 51.9 percent higher for nonwhites than for whites. Rates broken down by five-year age groups and by race were also higher for nonwhites than whites in all the age groups except for females 30-34 years of age. The largest difference in birth rates between the two racial groups occurred among teenage mothers.

Birth Weight

In 1989, 7.1 percent of the resident live births were classified as low birth weight (under 2,500 grams or 5 pounds 9 ounces). In 1988, the percentage was 6.9; in 1980, it had been 6.5. Among the races, 14.3 percent of births to nonwhite mothers were under 2500 grams compared to only 5.7 percent of births to white mothers. Female infants were more likely than males to be low birth weight (7.6 percent for females, 6.6 percent for males). Infants of younger mothers, especially teenagers (9.7 percent) and mothers 20-24 years of age (7.7 percent), were much more likely to be low birth weight than infants born to mothers aged 25 and older (6.4 percent).

Prenatal Care

(NOTE: The percentages cited in the paragraphs below were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Of the 164,726 births for which the mother's trimester of first prenatal visit was known in 1989, 79.0 percent received care during the first trimester (three months) of pregnancy. Two percent or 3,363 births were to mothers who had no prenatal care during their pregnancy. Among the births to teenage mothers, only 55.4 percent had received prenatal care in the first trimester, compared to 82.0 percent of the births to mothers 20 years of age and older. Births to mothers aged 30-34 had the highest percentage among all the maternal age groups for prenatal care received by the mother in the first three months of pregnancy (88.1 percent). Although only 11.3 percent of all resident live births were to teenage mothers, they accounted for 20.8 percent of the births to mothers who had no prenatal care. The mother's trimester of first prenatal visit was unknown in 3,382 (2.0 percent) of all resident live births in 1989.

The percentage of births to white mothers who had no prenatal care was 0.8 percent in 1989 but, among births to mothers of races other than white, the percentage was 8.6 - over ten times higher than the figure for white mothers. Among the births for whom the mother's trimester of entry into care was known, 83.8 percent of white mothers had obtained prenatal care in the first three months of pregnancy, compared to only 54.1 percent of the nonwhite mothers -- a figure 35.4 percent lower than for white mothers. Only 16.5 percent of all live births were to mothers of races other than white in 1989, yet these births were responsible for 67.3 percent of the births for which mothers had no prenatal care during their pregnancy.

Previous Pregnancies

During 1989, 32.6 percent of the resident live births were the result of the mother's first pregnancy. The corresponding figure in 1988 was 33.0 percent, and, in 1980, it was 37.4 percent. Among the births to teenage mothers (under 20 years of age), 32.1 percent had a history of at least one previous pregnancy.

Birth Order

In 1989, 40.8 percent of the live births were first born children, compared to 44.1 percent in 1980. Almost 10 percent of the births in 1989 were fourth births or higher, compared to 1970, when over 20 percent were fourth births or higher. Among births to mothers 30 years of age and older, 24.7 percent were first-borns. In 1980, the percentage of first-borns for this maternal age group was 19.2; in 1975, it was 13.0 -- a difference of 90.0 percent from 1989.

Marital Status of Mother

Almost 28 percent of the births in 1989 were to unmarried mothers, compared to 1980, when 17.7 percent were to unmarried mothers, and 1970, when the percentage was only 9.8. This percentage varied considerably among age groups in 1989. Among the births to teenagers (under 20 years of age), 78.9 percent were to unmarried mothers. In 1970, the percentage of births to teenage mothers who were unmarried was 31.7 and, by 1980, 51.2 percent. Over 40 percent of the live births for the age group 20-24 were to unmarried mothers. However, among births to women 25 years of age and older, only 14.1 percent of the mothers were unmarried. Births to all the maternal age groups listed in this report have recorded increases in the percentages of unmarried mothers since 1970.

Mother's Education

During 1989, 16.5 percent of the resident live births were to mothers who had less than a twelfth grade education, compared to 18.9 percent in 1980. Almost 19 percent of the births in 1989 were to mothers with 16 or more years of education, which is an increase of 34.0 percent since 1980 when 14.1 percent was recorded.

Attendant at Birth

The attendant at birth was most often a physician -- in 97.0 percent of the births. Almost 3 percent or 4,630 of the live births in 1989 were attended by a midwife which is a decrease of 200 births from the 1988 figure. The number of midwife-attended births rose steadily between 1980 and 1984. However, since 1985, the annual number of these births has remained fairly constant. Over 98 percent of the resident live births in 1989 were hospital deliveries.

Medical Conditions

Medical conditions (risk factors of the mother, complications of labor and delivery, abnormal conditions of the newborn and congenital anomalies) were more prevalent among births to the youngest and the oldest mothers. In 1989, 21.2 percent of the births were to mothers with medical risk factors (diabetes, eclampsia, anemia, etc.). Almost 37 percent of the births to mothers aged 40 years and older involved such medical risk factors. The highest percentage of medical conditions reported were for complications of labor and delivery (placenta previa, precipitous or prolonged labor, breech birth, fetal distress, etc.) -- 35.9 percent of all live births in 1989. Abnormal conditions of the newborn (anemias, birth injury, assisted ventilation, etc.) and congenital anomalies or birth defects were reported for 4.9 percent and 2.2 percent, respectively.

Method of Delivery

Vaginal deliveries occurred for 76.5 percent of all resident live births in 1989. Almost 3 percent of the vaginal deliveries were to women who had previously delivered by cesarean section. The proportion of cesarean section deliveries in 1989 was 22.3, a decline from the 23.0 percent recorded in 1988. This is the second consecutive decline in the annual percentage of cesarean sections. The proportion of cesarean sections had been increasing steadily and dramatically over the years to a high of 23.3 percent in 1987, a rise of almost 50 percent from the 15.6 percent recorded in 1980. In 1970, only 5.6 percent of the births were delivered as cesarean sections, and, in 1975, 9.9 percent. The percentage incidence of cesarean section delivery rises consistently with increasing maternal age. For example, 15.8 percent of the births delivered by teenage mothers in 1989 were cesarean sections, compared to 29.9 for mothers aged 40 and over. Over 38 percent of the cesarean section deliveries in 1989 were repeat procedures.

Apgar Score

The percentage of births to white mothers with Apgar scores of 0-3 at one minute was 1.7, compared to 4.0 for births to mothers of all other races. At five minutes, 97.2 percent of births to white mothers and 94.2 percent of births to mothers of all other races had an Apgar score of 8, 9 or 10. Differences between males and females were slight, with males tending to have somewhat lower scores than females. For example, 5.1 percent of the males had Apgar scores of 0-5 at one minute, compared to 4.5 percent of the females.

Given Names

Ashley was the most popular first name given to females born in Pennsylvania during 1989, as it has been since 1985. Brittany first appeared among the top ten names in 1988, in eighth place, and has quickly moved up to fourth in 1989. Amanda, Jessica, Nicole, Jennifer and Sarah have continued to be popular since 1980. None of the ten most popular names given to females born in 1960 appeared on the 1989 list. Among females born to white mothers in 1989, Amanda was the most often given name, followed by Ashley. The only name appearing in the top ten for whites that did not appear in the top ten for all races in 1989 was Megan. Jasmine was the most popular given name in 1989 among females born to nonwhite mothers. The other top ten names given to female infants of nonwhite mothers that also appeared in the top ten list for females born to white mothers were Brittany, Ashley and Jessica. Tiffany, Amber, Christina, Kiara, Danielle and Michelle were other high ranking favorite names given to female infants of nonwhite mothers.

Among the male infants, Michael continued to be the most popular given name, as it has been since 1970. Four of the top ten names given to males born in 1960 (John, Michael, David and Joseph) still appeared on the 1989 list. Michael was also the top name given to males born to mothers of both white and all other races in 1989. Christopher and David also appeared on both racial lists. After that, the similarities between the male lists by race disappear.

COUNTIES:

Total Births

Philadelphia County residents accounted for 29,242 live births or 17.4 percent of the total births in the state during 1989, and, along with six other counties (Allegheny, Bucks, Chester, Delaware, Lancaster and Montgomery) that had 5,000 or more resident live births each, accounted for just over half (50.8 percent) of all the resident births recorded that year in Pennsylvania. Philadelphia County also had the highest crude birth rate among the counties with 17.8 resident live births per 1,000 population. Lancaster County with 16.5 was the next highest county. The average annual (1985-89) crude birth rates show Philadelphia County again with the highest rate, 17.2 per 1,000 population. Lancaster County again placed second with an average annual birth rate of 16.1 for the five-year period. Southwestern and northeastern counties tended to have average annual (1985-89) birth rates lower than the state rate.

Births by Race

While 58.7 percent of all births to mothers of races other than white in the state during 1989 were to residents of Philadelphia County, four other counties accounted for another 25.7 percent of these births -- Allegheny, Dauphin, Delaware and Montgomery. There were no births to nonwhites in four rural counties (Elk, Potter, Somerset and Sullivan) during 1989. Twenty-nine other counties had less than ten live births to mothers of races other than white. Five-year summary (1985-89) figures by race of mother indicate that all counties but one (Potter) had resident live births to nonwhites.

Age of Mother

Philadelphia County accounted for 17.4 percent of all the births in 1989 and 27.6 percent of all the births to teenage mothers (under 20 years of age) in Pennsylvania. In contrast, Allegheny County, the county with the second highest number and percentage (10.6) of total births for the state, had only 8.9 percent of all the births to teenagers in the state.

Age of Mother (Continued)

Among the 67 counties, McKean County had the highest percentage of births to resident teenagers (18.7), followed by Philadelphia with 18.0 and Fulton County at 17.1 percent. Pike County had the lowest percentage of county births to teenage mothers (2.8). The next lowest counties were Montgomery (4.6 percent), Bucks (5.3 percent) and Monroe (5.5 percent).

Birth Weight

Philadelphia County had the highest percentage of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) at 11.8 percent and these births accounted for 28.9 percent of all the low birth weight infants born to Pennsylvania residents in 1989.

Five-year summary (1985-89) low and very low birth weight percentages followed patterns similar to the 1989 figures. Cameron County had the highest percentage of very low birth weights (2.6), followed closely by Philadelphia with 2.4. Philadelphia had the highest percentage of low birth weights (11.1) during that time. Clearfield County had the second highest percentage of low birth weight infants born during 1985-89 with 7.4 and Allegheny County followed closely at 7.3 percent.

Mother's Education

Mifflin County had the highest percentage of births to mothers with an eighth grade education or less (16.1), followed by Lancaster County (14.0 percent), Union County (13.0 percent), Snyder County (12.4) and Crawford County (10.3). The state percentage was 2.7. Montgomery, Chester and Centre Counties led in highest percentages of births with mothers who had a college education -- 39.2, 35.2, and 32.7, respectively, compared to 18.9 percent for the state in 1989.

Marital Status of Mother

Almost 57 percent of the births recorded for Philadelphia residents in 1989 were to unmarried mothers. Dauphin and Erie Counties were the only other counties with both a large number (1,322 and 1,258, respectively) and percentage (35.4 and 30.8, respectively) of births to unmarried mothers. The lowest percentages of births to unmarried mothers occurred in Pike (8.8) and Montgomery (12.8) Counties.

Prenatal Care

(NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Philadelphia County had, by far, the lowest percentage of births for which mothers had received prenatal care in the first trimester or three months of pregnancy -- 62.1. The second lowest was Lycoming County with 71.0 percent, followed by Snyder County at 71.1 percent, Perry County at 71.7 percent and Lebanon County at 71.9 percent. Five other counties had percentages ranging between 72.0 and 75.0 (Bedford, Cameron, Dauphin, Franklin and McKean). Elk county had the highest percentage of births to mothers who had received prenatal care in the first trimester -- 88.8. Montgomery County had 88.0 percent. Nine other counties had percentages of 85.0 to 87.9 -- Adams, Allegheny, Bucks, Delaware, Lehigh, Luzerne, Northampton, Pike and Schuylkill. Philadelphia had, by far, the highest percentage of births for which mothers had no prenatal care (7.6 percent) and that figure (2,093) also represented 62.2 percent of all such births in the state during 1989.

Attendant at Birth

Lancaster County, which had only 4.1 percent of Pennsylvania's total live births in 1989, accounted for almost 25 percent of all live births in the state delivered outside of a hospital. Three counties had rather high percentages of deliveries by a midwife -- Clinton (29.2), Mifflin (23.0) and Huntingdon (19.4).

CITIES and BOROUGHS:

Total Births

The 27 municipalities listed in this section accounted for 31.9 percent of all the resident live births in the state during 1989. Chester had the highest resident birth rate with 27.0 births per 1,000 population. Harrisburg, Reading, Lancaster, Norristown and York also had birth rates above 20.0. State College had, by far, the lowest birth rate -- 6.2, compared to the second lowest municipality, West Mifflin, with 10.1 Almost 60 percent (16 out of 27) of the municipalities had resident live birth rates higher than the state rate of 14.0 in 1989.

Sex and Race

In three municipalities, more than half of the total births were to nonwhite mothers. In Chester, births to mothers of races other than white accounted for 75.5 percent of all births. In Harrisburg, 61.0 percent of all births were to nonwhite mothers. Philadelphia mothers of races other than white accounted for 55.7 percent of the births recorded for that city during 1989.

Age of Mother

Six municipalities had percentages of births to teenage mothers of over 20 percent -- Chester (25.4), Harrisburg (24.6), Lancaster and Reading (both 22.7), York (22.2) and Johnstown (20.9). The percentage of births to teenage mothers in 1989 for the state was 11.3 and, in other areas of the state outside of the 27 municipalities listed, the percentage was 8.5.

Birth Weight

Eight municipalities had percentages of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) above 10 percent -- Philadelphia (11.8), Johnstown (11.7), McKeesport (10.8), Harrisburg (10.7), Norristown (10.4), Chester and York (both 10.3) and Pittsburgh (10.1). In comparison, the state figure was 7.1 percent. McKeesport and Philadelphia had the highest percentages of very low birth weight infants (under 1500 grams or 3 pounds 5 ounces) with 2.7 and 2.6 percent, respectively. In all other areas of the state outside of the 27 municipalities, only 5.6 percent of the live births were low birth weight and 1.0 percent very low birth weight.

Mother's Education

Reading and Lancaster at 7.2 and 6.1, respectively, had the highest percentages of births to mothers with an eighth grade education or less. State College had, by far, the highest percentage of births to mothers with a college education -- 66.5. Second highest was Bethel Park at 44.8 percent, followed by Monroeville with 36.1 percent.

Marital Status of Mother

Chester had the highest percentage of births to unmarried mothers -- 71.2, followed by Harrisburg (66.0 percent), Philadelphia (56.7 percent), York (56.0 percent), Reading (53.6 percent) and Lancaster (52.1 percent). In Bethel Park, Plum, and State College Boroughs, over 90 percent of the births were to mothers married at the time of birth. Monroeville was close with 87.9 percent. In all other areas of the state outside of the 27 municipalities, 17.3 percent of the births occurred to unmarried mothers compared to 27.9 percent for the entire state.

Prenatal Care

(NOTE: The percentages cited in the following paragraph were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Harrisburg and Reading had the lowest percentages of births for which the mothers obtained prenatal care in the first trimester of pregnancy -- 53.8 and 59.4, respectively. Percentages of seven other municipalities fell below 70 percent -- Philadelphia (62.1 percent), Chester (63.5 percent), Lebanon and McKeesport (both 66.8 percent), York (68.4 percent), Norristown (69.2 percent) and Johnstown (69.6 percent). Bethel Park Borough had the highest percentage of births for which mothers received care in the first three months of pregnancy with 97.4 percent. Next highest was Plum Borough with 92.8 percent, and then Monroeville with 91.0 percent. In all other areas of the state outside of the 27 municipalities, 83.9 percent received care in the first trimester, and, for the entire state, 79.0 percent.

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES PAGE

Table B-1 Resident Live Births: Pennsylvania, 1915-1989 26

Table B-2 Live Birth Rate, General Fertility Rate and Total Fertility Rate: Pennsylvania and United States, 1950-1989 27

Table B-3 Resident Live Births by Age of Mother, Number and Rate: Pennsylvania, 1989, 1985, 1980, 1975, 1970 29

Table B-4A Resident Live Births by Age and Race of Mother, and Sex of Child, Pennsylvania, 1989 30

Table B-4B Resident Live Birth Rate by Age and Race of Mother, Pennsylvania, 1989 30

Table B-5 Resident Live Births by Birth Weight, Race of Mother, and Sex of Child, Number and Percent: Pennsylvania, 1989 32

Table B-6 Resident Live Births by Age of Mother and Birth Weight, Number and Percent: Pennsylvania, 1989 32

Table B-7A Resident Live Births by Age of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 1989 34

Table B-7B Resident Live Births by Race of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 1989 34

Table B-8 Resident Live Births by Age of Mother and Number of Previous Pregnancies, Number and Percent: Pennsylvania, 1989 36

Table B-9 Resident Live Births by Age of Mother and Number of Previous Live Births, Number and Percent: Pennsylvania, 1989 36

Table B-10 Resident Live Births by Age and Marital Status of Mother, Number and Percent: Pennsylvania, 1989 37

Table B-11 Resident Live Births by Age and Education of Mother, Number and Percent: Pennsylvania, 1989 37

Table B-12 Resident Live Births by Age of Mother, Place of Delivery and Attendant at Birth, Pennsylvania, 1989 38

Table B-13 Resident Live Births by Age of Mother and Type of Medical Condition, Number and Percent: Pennsylvania, 1989 38

Table B-14A Resident Live Births by Age of Mother and Method of Delivery, Number: Pennsylvania, 1989 39

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) PAGE

Table B-14B Resident Live Births by Age of Mother and Method of Delivery, Percent: Pennsylvania, 1989 39

Table B-15A Resident Live Births by Apgar Score at One Minute by Race of Mother and Sex of Child, Pennsylvania, 1989 40

Table B-15B Resident Live Births by Apgar Score at Five Minutes by Race of Mother and Sex of Child, Pennsylvania, 1989 40

Table B-16 Names Most Frequently Given to Live Births Occurring in Pennsylvania by Sex of Child, 1989 and 1960, and Race of Mother and Sex of Child, 1989 41

Table B-17 Resident Live Births by Race of Mother, Sex of Child, and County, Total Births, Birth and General Fertility Rates: Pennsylvania, 1989 42

Table B-18 Resident Live Births by Race of Mother, Sex of Child, and County, Number and Average Annual Rate: Pennsylvania, 1985-1989 44

Table B-19 Resident Live Births by Age of Mother and County, Pennsylvania, 1989 48

Table B-20 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, 1989 50

Table B-21 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, Five-Year Summary, 1985-1989 52

Table B-22 Resident Live Births by Education of Mother and County, Number and Percent: Pennsylvania, 1989 56

Table B-23 Resident Live Births by Marital Status of Mother and County, Number and Percent: Pennsylvania, 1989 58

Table B-24 Resident Live Births by Trimester of First Prenatal Visit and County, Number and Percent: Pennsylvania, 1989 60

Table B-25 Resident Live Births by Place of Delivery, Attendant at Birth, and County, Pennsylvania, 1989 62

Table B-26 Resident Live Births by Race of Mother, Sex of Child, and Selected Municipalities, Number and Rate: Pennsylvania, 1989 64

Table B-27 Resident Live Births by Age of Mother and Selected Municipalities, Pennsylvania, 1989 66

Table B-28 Resident Live Births by Birth Weight and Selected Municipalities, Number and Percent: Pennsylvania, 1989 67

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) PAGE

Table B-29 Resident Live Births by Education of Mother and Selected Municipalities, Number and Percent: Pennsylvania, 1989 68

Table B-30 Resident Live Births by Marital Status of Mother and Selected Municipalities, Number and Percent: Pennsylvania, 1989 69

Table B-31 Resident Live Births by Trimester of First Prenatal Visit and Selected Municipalities, Number and Percent: Pennsylvania, 1989 70

NATALITY DATA ILLUSTRATIONS PAGE

Figure B-1 Live Birth Rates, Pennsylvania and United States, 1950-1989 28

Figure B-2 General Fertility Rates, Pennsylvania and United States, 1950-1989 28

Figure B-3 Resident Births, Percent by Age of Mother, Pennsylvania, 1970, 1975, 1980, 1985, and 1989 29

Figure B-4 Resident Birth Rates by Age of Mother, Pennsylvania, 1989 31

Figure B-5 Resident Birth Rates by Age and Race of Mother, Pennsylvania, 1989 31

Figure B-6 Resident Live Births, Percent With Very Low and Low Birth Weight by Race of Mother, Pennsylvania, 1989 33

Figure B-7 Resident Live Births, Percent With Very Low and Low Birth Weight by Age of Mother, Pennsylvania, 1989 33

Figure B-8 Resident Live Births by Race of Mother and Trimester of First Prenatal Visit, Pennsylvania, 1989 35

Figure B-9 State Map: Resident Birth Rates by County, Pennsylvania, 1989 46

Figure B-10 State Map: Resident Average Annual Birth Rates by County, Pennsylvania, 1985-1989 46

Figure B-11 State Map: General Fertility Rates by County, Pennsylvania Residents, 1989 47

Figure B-12 Resident Live Births, Percent with Very Low and Low Birth Weight by County, Pennsylvania, Five-Year Summary, 1985-1989 54

Figure B-13 Resident Live Birth Rates by Selected Municipalities, Pennsylvania, 1989 65

TABLE B-1
RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1989

YEAR	NUMBER	YEAR	NUMBER	YEAR	NUMBER
1989	168,108	1964	218,515	1939	160,774
1988	165,169	1963	221,537	1938	165,708
1987	162,348	1962	226,393	1937	161,133
1986	160,336	1961	240,172	1936	159,393
1985	160,001	1960	241,099	1935	161,166
1984	156,799	1959	246,615	1934	160,238
1983	157,810	1958	249,810	1933	157,046
1982	161,561	1957	254,997	1932	168,534
1981	160,179	1956	248,019	1931	178,714
1980	158.670	1955	242,591	1930	189.458
1979	157,533	1954	245,521	1929	189,524
1978	151,438	1953	239,206	1928	200,769
1977	153,415	1952	239,964	1927	210,001
1976	148,004	1951	235,074	1926	207,696
1975	148,942	1950	221,635	1925	215,120
1974	151,458	1949	224,581	1924	223,103
1973	153,272	1948	227,227	1923	217,235
1972	163,110	1947	248,513	1922	214,348
1971	180,939	1946	218,376	1921	229,452
1970	192,154	1945	173,799	1920	220,462
1969	185,046	1944	178,370	1919	207,685
1968	185,729	1943	199,366	1918	220,170
1967	188,706	1942	197,177	1917	222,505
1966	195,869	1941	174,193	1916	217,449
1965	204,105	1940	165,456	1915	217,979

NOTE: DATA PRIOR TO 1937 ARE BY PLACE OF OCCURRENCE. ALL OTHER DATA ARE BY PLACE OF RESIDENCE.

TABLE B-2
LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE: PENNSYLVANIA AND UNITED STATES, 1950-1989

	LIVE BIRTH RATE*		GENERAL FERTILITY RATE*		TOTAL FERTILITY RATE*	
YEAR	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES
1989	14.0	16.2**	61.0	68.8**	1778.0	***
1988	13.8	15.9	60.1	67.2	1731.5	1932.0
1987	13.6	15.7	59.4	65.7	1693.5	1871.0
1986	13.5	15.6	58.9	65.4	1659.0	1836.0
1985	13.5	15.8	58.8	66.2	1642.0	1842.5
1984	13.2	15.5	57.9	65.4	1603.0	1805.5
1983	13.3	15.5	59.2	65.8	1633.0	1802.9
1982	13.6	15.9	60.6	67.3	1667.5	1828.5
1981	13.5	15.8	60.7	67.4	1654.5	1815.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.6	60.4	67.2	1672.0	1808.0
1978	12.9	15.0	58.7	65.5	1617.0	1760.0
1977	13.0	15.1	59.8	66.8	1620.5	1789.5
1976	12.5	14.6	57.7	65.0	1569.5	1738.0
1975	12.6	14.6	58.7	66.0	1600.5	1774.0
1974	12.8	14.8	60.5	67.8	1673.5	1835.0
1973	12.9	14.8	61.7	68.8	1734.5	1879.0
1972	13.7	15.6	66.3	73.1	1892.5	2010.0
1971	15.1	17.2	75.4	81.6	2188.5	2266.5
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1959	21.8	24.2	104.3	119.9	3258.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* LIVE BIRTH RATES PER 1,000 POPULATION.

GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

TOTAL FERTILITY RATE: THE SUM OF THE AGE-SPECIFIC BIRTH RATES OF WOMEN IN FIVE YEAR AGE GROUPS MULTIPLIED BY FIVE. THIS RATE ESTIMATES THE NUMBER OF CHILDREN A COHORT OF 1,000 WOMEN WOULD BEAR IF THEY ALL WENT THROUGH THEIR CHILDBEARING YEARS EXPOSED TO THE AGE SPECIFIC BIRTH RATES IN EFFECT AT A PARTICULAR TIME.

** PROVISIONAL DATA.
***DATA NOT AVAILABLE.

FIGURE B-1
LIVE BIRTH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

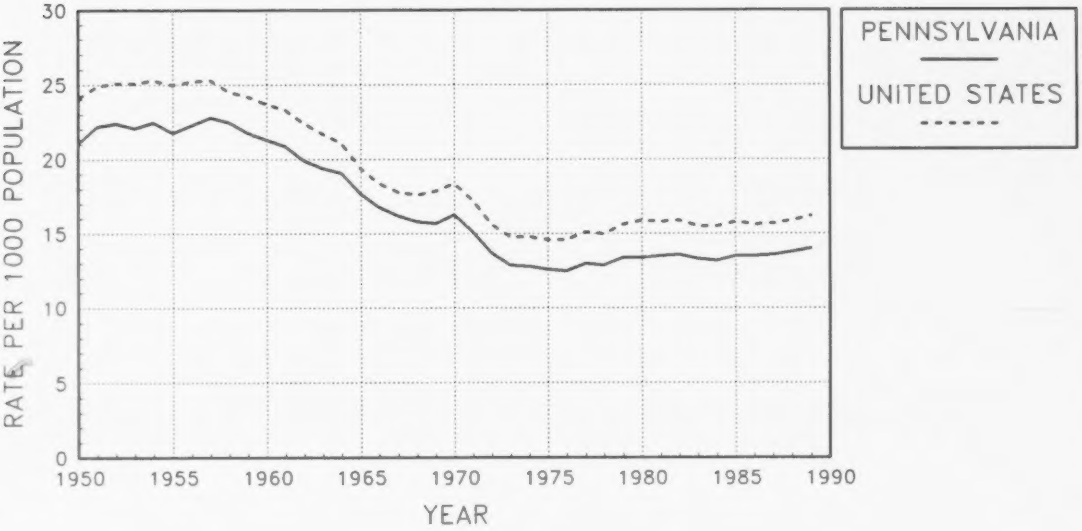


FIGURE B-2
GENERAL FERTILITY RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

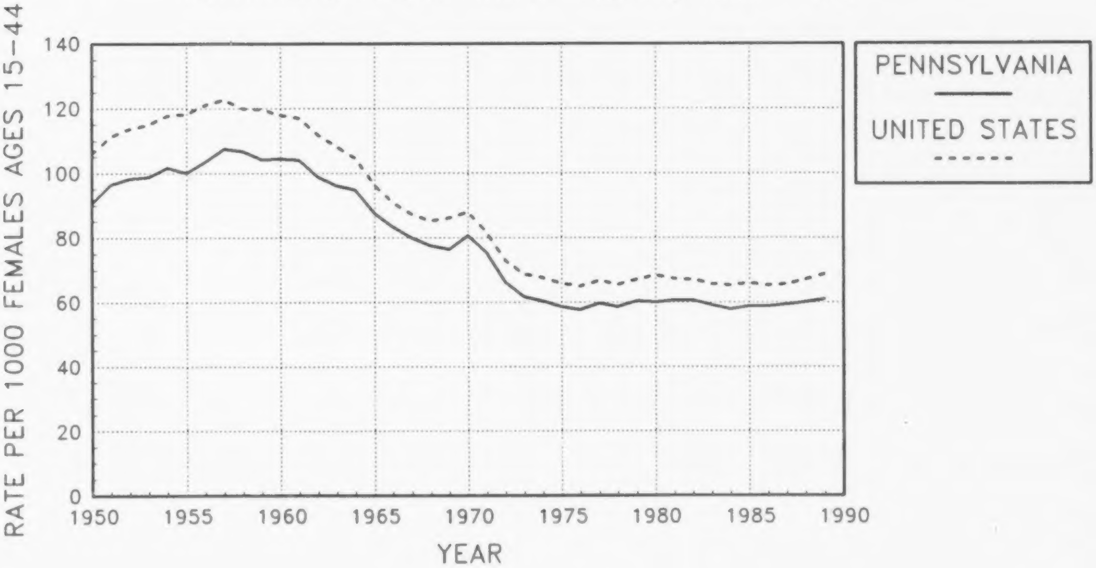


TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE*
PENNSYLVANIA, 1989, 1985, 1980, 1975, 1970

AGE OF	1989		1985		1980		1975		1970	
MOTHER**	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	168,108	61.0	160,001	58.8	158,670	60.1	148,942	58.7	192,154	80.6
UNDER 15	406	1.1	359	0.9	324	0.7	412	0.8	443	0.8
15-19	18,621	43.1	18,119	39.2	21,683	40.5	24,701	43.6	28,592	53.2
20-24	41,201	90.8	45,144	90.0	52,371	97.5	50,414	95.0	71,365	156.1
25-29	54,374	112.5	54,458	106.0	52,077	109.3	47,304	104.8	54,250	149.6
30-34	39,101	76.4	31,803	67.9	25,306	58.6	18,881	52.8	23,913	75.7
35-39	12,681	27.4	8,974	21.2	5,958	17.0	5,815	18.7	10,526	32.3
40-44	1,673	4.1	1,103	3.1	898	2.9	1,334	4.2	2,878	7.5
45 & OVER	51	0.2	41	0.1	53	0.2	81	0.2	187	0.5

* RATE PER 1,000 FEMALE POPULATION FOR EACH YEAR BY AGE GROUP. ALL AGES INCLUDES FEMALES AGE 15-44 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 & OVER INCLUDES FEMALES AGE 45-49 YEARS.

**BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 25-29 YEAR AGE GROUP FOR 1989, AND IN THE 20-24 YEAR AGE GROUP FOR ALL OTHER YEARS.

NOTE: WHEN CALCULATING THE RATE FOR ALL AGES, THE FEMALE AGE GROUP 15-44 WAS USED INSTEAD OF THE FEMALE AGE GROUP 10-49 AS WAS DONE IN PREVIOUS EDITIONS OF "PENNSYLVANIA VITAL STATISTICS". THIS NEW STANDARD CALCULATION WILL ALLOW FOR COMPARISON WITH NATIONAL AND OTHER STATES' RATES.

FIGURE B-3
RESIDENT BIRTHS, PERCENT BY AGE OF MOTHER
PENNSYLVANIA, 1970, 1975, 1980, 1985, AND 1989

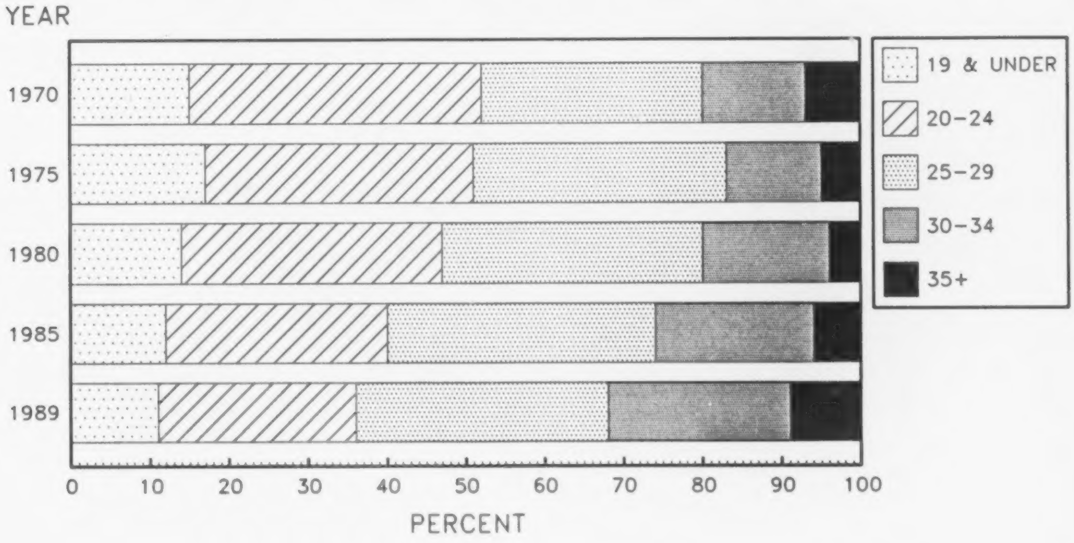


TABLE B-4A
RESIDENT LIVE BIRTHS BY AGE AND RACE OF MOTHER, AND SEX OF CHILD
PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	168,108	140,375	72,065	68,310	27,733	14,107	13,626
UNDER 15	406	142	66	76	264	138	126
15-19	18,621	12,562	6,486	6,076	6,059	3,065	2,994
20-24	41,201	32,777	16,868	15,909	8,424	4,314	4,110
25-29	54,352	47,232	24,284	22,948	7,120	3,629	3,491
30-34	39,101	34,936	17,774	17,162	4,165	2,096	2,069
35-39	12,681	11,222	5,836	5,386	1,459	733	726
40-44	1,673	1,447	726	721	226	123	103
45 & OVER	51	41	19	22	10	5	5
UNKNOWN	22	16	6	10	6	4	2

* UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-4B
RESIDENT LIVE BIRTH RATE* BY AGE AND RACE OF MOTHER
PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	ALL RACES	WHITE**	ALL OTHER RACES
ALL AGES	61.0	57.6	87.5
UNDER 15	1.1	0.4	5.5
15-19	43.1	33.0	117.7
20-24	90.8	82.5	149.5
25-29***	112.5	111.7	118.1
30-34	76.4	76.9	72.8
35-39	27.4	27.1	29.8
40-44	4.1	3.9	5.3
45 & OVER	0.2	0.1	0.3

* RATE PER 1,000 FEMALE POPULATION FOR EACH RACE BY AGE GROUP.
ALL AGES INCLUDES FEMALES AGE 15-44 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 & OVER INCLUDES FEMALES AGE 45-49 YEARS.
** UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
***BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE AGE 25-29 YEARS.

FIGURE B-4
RESIDENT BIRTH RATES BY AGE OF MOTHER
PENNSYLVANIA, 1989

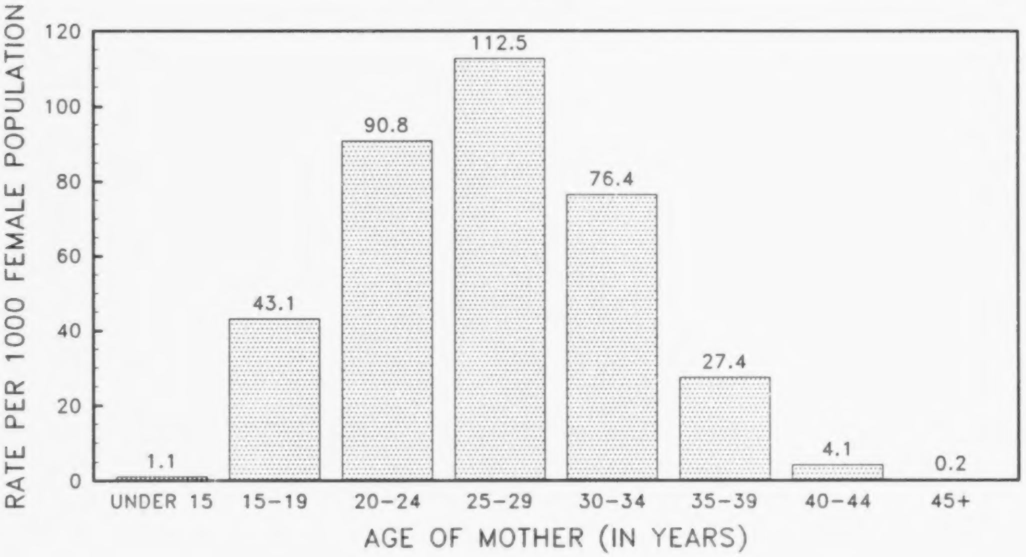


FIGURE B-5
RESIDENT BIRTH RATES BY AGE AND RACE OF MOTHER
PENNSYLVANIA, 1989

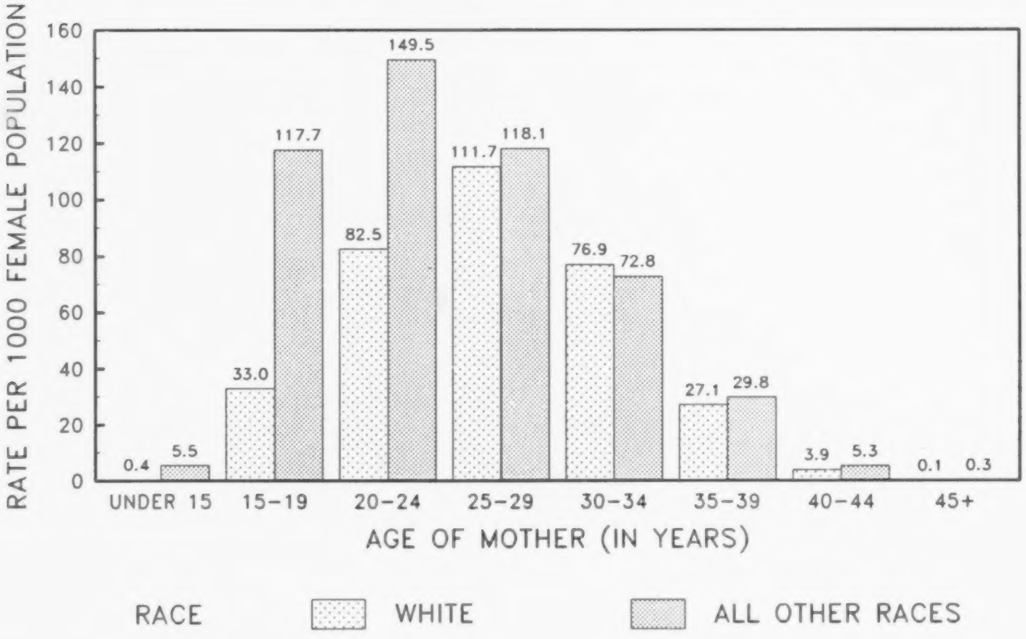


TABLE B-5
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, RACE OF MOTHER, AND SEX OF CHILD
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

BIRTH WEIGHT (IN GRAMS)	TOTAL BIRTHS	WHITE **						ALL OTHER					
		TOTAL		MALE***		FEMALE		TOTAL		MALE***		FEMALE	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL	168,108	140,375	100.0	72,065	100.0	68,310	100.0	27,733	100.0	14,107	100.0	13,626	100.0
0-1499	2,308	1,370	1.0	678	0.9	692	1.0	938	3.4	490	3.5	448	3.3
1500-2499	9,623	6,585	4.7	3,125	4.3	3,460	5.1	3,038	11.0	1,387	9.8	1,651	12.1
2500-3499	88,007	70,749	50.4	32,554	45.2	38,195	55.9	17,258	62.2	8,385	59.4	8,873	65.1
3500-4499	64,975	58,705	41.8	33,687	46.7	25,018	36.6	6,270	22.6	3,697	26.2	2,573	18.9
4500+	3,019	2,826	2.0	1,955	2.7	871	1.3	193	0.7	132	0.9	61	0.4
UNKNOWN	176	140	0.1	66	0.1	74	0.1	36	0.1	16	0.1	20	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COLUMN.
** UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-6
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	2,308	1.4	9,623	5.7	88,007	52.4	64,975	38.7	3,019	1.8	176	0.1
UNDER 15	406	13	3.2	44	10.8	257	63.3	91	22.4	1	0.2	0	-
15-19	18,621	373	2.0	1,417	7.6	11,199	60.1	5,469	29.4	149	0.8	14	0.1
20-24	41,201	596	1.4	2,566	6.2	22,895	55.6	14,557	35.3	557	1.4	30	0.1
25-29	54,352	628	1.2	2,775	5.1	27,777	51.1	22,046	40.6	1,074	2.0	52	0.1
30-34	39,101	485	1.2	1,991	5.1	18,990	48.6	16,701	42.7	874	2.2	60	0.2
35-39	12,681	187	1.5	727	5.7	6,038	47.6	5,413	42.7	299	2.4	17	0.1
40-44	1,673	23	1.4	95	5.7	817	48.8	671	40.1	65	3.9	2	0.1
45 & OVER	51	2	3.9	7	13.7	23	45.1	18	35.3	0	-	1	2.0
UNKNOWN	22	1	4.5	1	4.5	11	50.0	9	40.9	0	-	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

FIGURE B-6
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY RACE OF MOTHER, PENNSYLVANIA, 1989

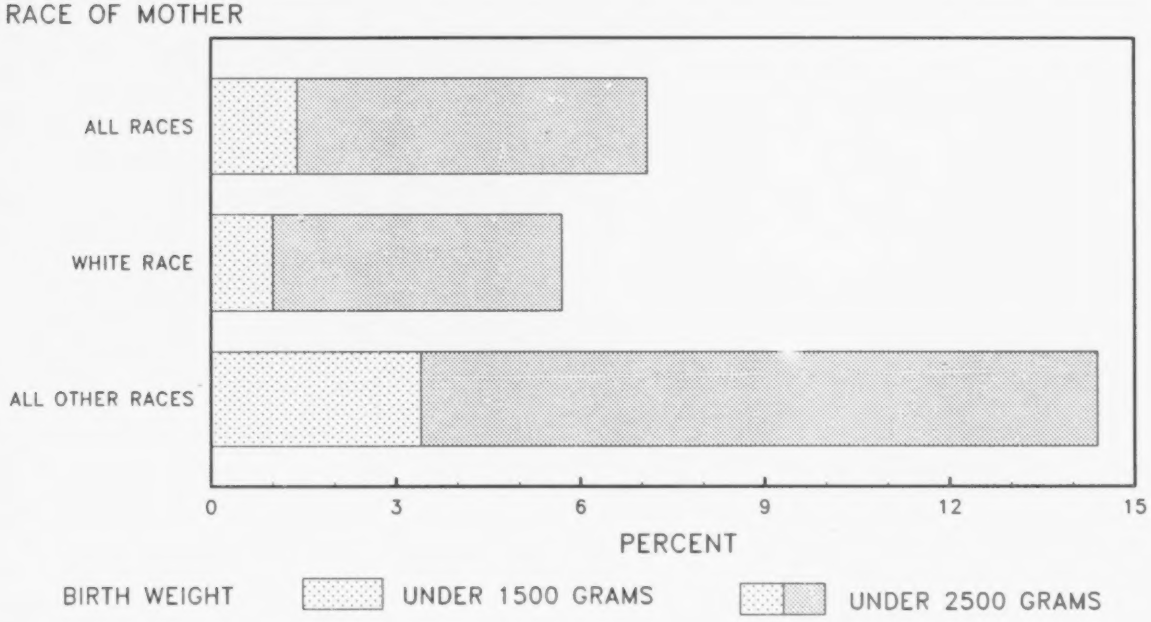
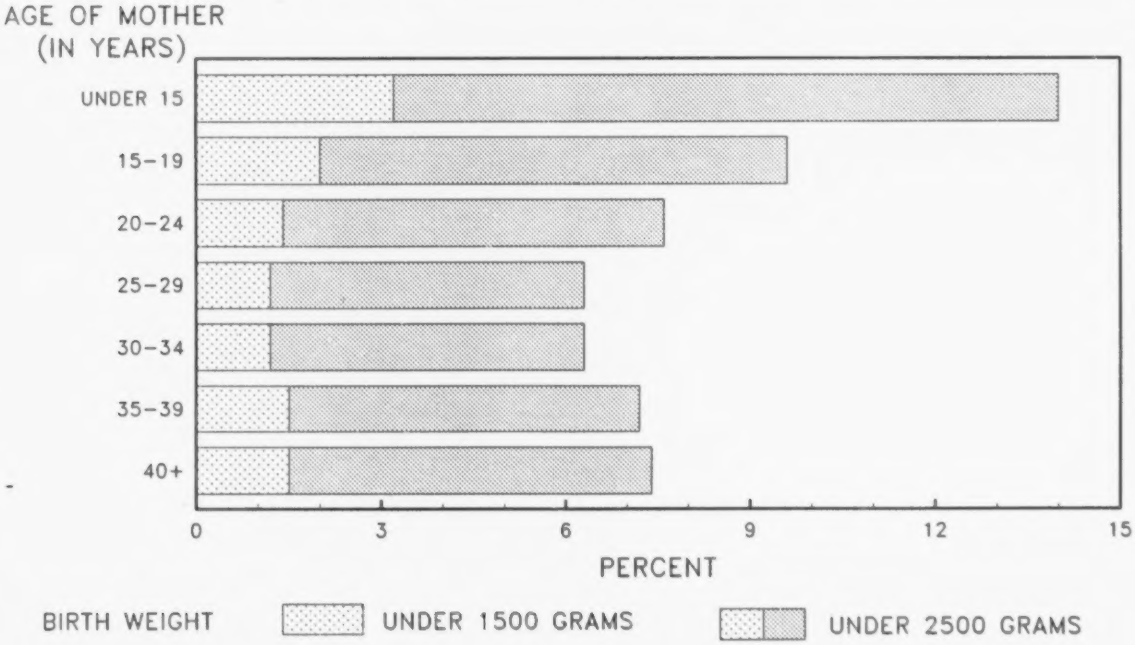


FIGURE B-7
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY AGE OF MOTHER, PENNSYLVANIA, 1989



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.4 AND 7.1 PERCENT, RESPECTIVELY.

TABLE B-7A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	130,176	77.4	25,022	14.9	6,165	3.7	3,382	2.0	3,363	2.0
UNDER 15	406	152	37.4	147	36.2	59	14.5	19	4.7	29	7.1
15-19	18,621	10,019	53.8	5,739	30.8	1,542	8.3	649	3.5	672	3.6
20-24	41,201	28,706	69.7	8,247	20.0	2,126	5.2	969	2.4	1,153	2.8
25-29	54,352	45,217	83.2	6,040	11.1	1,343	2.5	862	1.6	890	1.6
30-34	39,101	33,924	86.8	3,398	8.7	733	1.9	613	1.6	433	1.1
35-39	12,681	10,801	85.2	1,208	9.5	288	2.3	237	1.9	147	1.2
40-44	1,673	1,312	78.4	228	13.6	69	4.1	29	1.7	35	2.1
45 & OVER	51	32	62.7	12	23.5	2	3.9	2	3.9	3	5.9
UNKNOWN	22	13	59.1	3	13.6	3	13.6	2	9.1	1	4.5

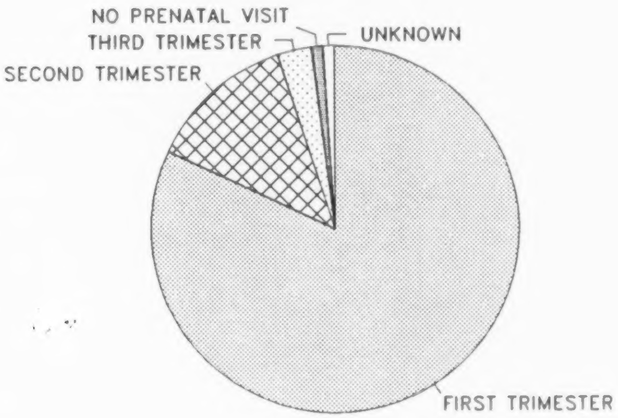
* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-7B
RESIDENT LIVE BIRTHS BY RACE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

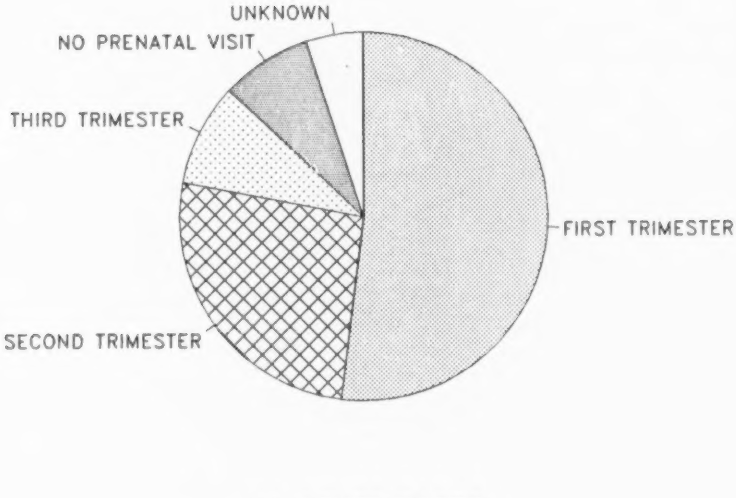
RACE OF MOTHER	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL RACES	168,108	130,176	77.4	25,022	14.9	6,165	3.7	3,382	2.0	3,363	2.0
WHITE**	140,375	115,889	82.6	17,735	12.6	3,589	2.6	2,062	1.5	1,100	0.8
ALL OTHER	27,733	14,287	51.5	7,287	26.3	2,576	9.3	1,320	4.8	2,263	8.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH RACE GROUP.
**UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.

FIGURE B-8
RESIDENT LIVE BIRTHS BY RACE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT, PENNSYLVANIA, 1989



WHITE RACE



ALL OTHER RACES

TABLE B-8
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	54,800	32.6	51,275	30.5	31,832	18.9	15,760	9.4	14,076	8.4	365	0.2
UNDER 15	406	381	93.8	22	5.4	2	0.5	0	-	0	-	1	0.2
15-19	18,621	12,511	67.2	4,386	23.6	1,298	7.0	312	1.7	80	0.4	34	0.2
20-24	41,201	16,093	39.1	13,314	32.3	6,913	16.8	2,992	7.3	1,825	4.4	64	0.2
25-29	54,352	16,278	29.9	17,823	32.8	10,781	19.8	5,221	9.6	4,136	7.6	113	0.2
30-34	39,101	7,541	19.3	12,261	31.4	9,410	24.1	4,979	12.7	4,809	12.3	101	0.3
35-39	12,681	1,794	14.1	3,175	25.0	3,082	24.3	1,968	15.5	2,619	20.7	43	0.3
40-44	1,673	188	11.2	289	17.3	337	20.1	276	16.5	577	34.5	6	0.4
45 & OVER	51	7	13.7	1	2.0	7	13.7	7	13.7	29	56.9	0	-
UNKNOWN	22	7	31.8	4	18.2	2	9.1	5	22.7	1	4.5	3	13.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	68,573	40.8	55,477	33.0	27,598	16.4	9,888	5.9	6,283	3.7	289	0.2
UNDER 15	406	397	97.8	8	2.0	0	-	0	-	0	-	1	0.2
15-19	18,621	14,270	76.6	3,450	18.5	736	4.0	116	0.6	19	0.1	30	0.2
20-24	41,201	19,957	48.4	13,499	32.8	5,391	13.1	1,718	4.2	583	1.4	53	0.1
25-29	54,352	20,745	38.2	19,466	35.8	9,336	17.2	3,137	5.8	1,580	2.9	88	0.2
30-34	39,101	10,253	26.2	14,631	37.4	8,738	22.3	3,193	8.2	2,215	5.7	71	0.2
35-39	12,681	2,640	20.8	4,019	31.7	3,051	24.1	1,467	11.6	1,467	11.6	37	0.3
40-44	1,673	292	17.5	397	23.7	336	20.1	244	14.6	398	23.8	6	0.4
45 & OVER	51	10	19.6	3	5.9	7	13.7	10	19.6	21	41.2	0	-
UNKNOWN	22	9	40.9	4	18.2	3	13.6	3	13.6	0	-	3	13.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-10
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MARITAL STATUS					
		MARRIED		UNMARRIED		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	168,108	120,523	71.7	46,905	27.9	680	0.4
UNDER 15	406	6	1.5	398	98.0	2	0.5
15-19	18,621	3,943	21.2	14,619	78.5	59	0.3
20-24	41,201	24,398	59.2	16,642	40.4	161	0.4
25-29	54,352	44,828	82.5	9,295	17.1	229	0.4
30-34	39,101	34,606	88.5	4,326	11.1	169	0.4
35-39	12,681	11,257	88.8	1,368	10.8	56	0.4
40-44	1,673	1,433	85.7	237	14.2	3	0.2
45 & OVER	51	41	80.4	10	19.6	0	-
UNKNOWN	22	11	50.0	10	45.5	1	4.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HIGHEST GRADE COMPLETED											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	4,554	2.7	23,176	13.8	76,872	45.7	29,779	17.7	31,691	18.9	2,036	1.2
UNDER 15	406	287	70.7	93	22.9	2	0.5	0	-	0	-	24	5.9
15-19	18,621	1,071	5.8	9,617	51.6	6,850	36.8	764	4.1	5	0.0	314	1.7
20-24	41,201	1,184	2.9	7,269	17.6	23,556	57.2	6,822	16.6	1,820	4.4	550	1.3
25-29	54,352	934	1.7	3,890	7.2	26,500	48.8	11,383	20.9	11,054	20.3	591	1.1
30-34	39,101	631	1.6	1,706	4.4	15,146	38.7	8,131	20.8	13,098	33.5	389	1.0
35-39	12,681	348	2.7	488	3.8	4,232	33.4	2,386	18.8	5,085	40.1	142	1.1
40-44	1,673	91	5.4	103	6.2	558	33.4	285	17.0	615	36.8	21	1.3
45 & OVER	51	7	13.7	7	13.7	20	39.2	6	11.8	10	19.6	1	2.0
UNKNOWN	22	1	4.5	3	13.6	8	36.4	2	9.1	4	18.2	4	18.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-12
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, PLACE OF DELIVERY AND ATTENDANT AT BIRTH, PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL AGES	168,108	162,335	3,125	128	20	740	1,505	255	0
UNDER 15	406	383	19	0	0	3	0	1	0
15-19	18,621	17,899	602	16	1	47	35	21	0
20-24	41,201	39,716	915	34	4	183	290	59	0
25-29	54,352	52,721	799	30	7	239	480	76	0
30-34	39,101	37,871	534	36	7	152	446	55	0
35-39	12,681	12,096	235	10	1	88	215	36	0
40-44	1,673	1,582	21	2	0	28	35	5	0
45 & OVER	51	47	0	0	0	0	3	1	0
UNKNOWN	22	20	0	0	0	0	1	1	0

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION NUMBER AND PERCENT*: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MEDICAL RISK FACTORS OF MOTHER		COMPLICATIONS OF LABOR AND/OR DELIVERY		ABNORMAL CONDITIONS OF NEWBORN		CONGENITAL ANOMALIES**	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	168,108	35,709	21.2	60,428	35.9	8,179	4.9	3,697	2.2
UNDER 15	406	117	28.8	159	39.2	20	4.9	10	2.5
15-19	18,621	4,154	22.3	7,003	37.6	1,140	6.1	467	2.5
20-24	41,201	8,734	21.2	15,093	36.6	2,192	5.3	982	2.4
25-29	54,352	10,625	19.5	19,270	35.5	2,473	4.5	1,126	2.1
30-34	39,101	8,116	20.8	13,588	34.8	1,636	4.2	730	1.9
35-39	12,681	3,323	26.2	4,605	36.3	618	4.9	334	2.6
40-44	1,673	616	36.8	683	40.8	95	5.7	44	2.6
45 & OVER	51	21	41.2	24	47.1	4	7.8	3	5.9
UNKNOWN	22	3	13.6	3	13.6	1	4.5	1	4.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

** SEE TECHNICAL NOTES FOR QUALIFICATIONS ABOUT THE REPORTING OF CONGENITAL ANOMALIES.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH. DUE TO CHANGES IN REPORTING, THE ABOVE DATA ARE NOT COMPARABLE TO DATA PUBLISHED FOR PREVIOUS YEARS.

TABLE B-14A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
NUMBER: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY							
		VAGINAL				CESAREAN			UNKNOWN METHOD
		TOTAL*	VBAC**	FORCEPS	VACUUM	TOTAL	PRIMARY	REPEAT	
ALL AGES	168,108	128,612	3,746	10,798	7,806	37,416	23,050	14,366	2,080
UNDER 15	406	355	2	26	24	48	46	2	3
15-19	18,621	15,570	195	1,287	854	2,954	2,552	402	97
20-24	41,201	32,333	831	2,481	1,736	8,481	5,771	2,710	387
25-29	54,352	41,198	1,250	3,716	2,574	12,408	7,418	4,990	746
30-34	39,101	28,927	1,088	2,473	1,923	9,564	5,089	4,475	610
35-39	12,681	9,026	355	733	615	3,442	1,849	1,593	213
40-44	1,673	1,159	25	79	77	498	310	188	16
45 & OVER	51	31	0	3	2	18	14	4	2
UNKNOWN	22	13	0	0	1	3	1	2	6

* THE ROW TOTAL FOR VAGINAL DOES NOT ADD SINCE A VAGINAL DELIVERY MAY INCLUDE ALL, SOME, OR NONE OF THE SPECIFIED TYPES OF VAGINAL DELIVERY.

**VAGINAL BIRTH AFTER PREVIOUS CESAREAN.

TABLE B-14B
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
PERCENT: PENNSYLVANIA, 1989

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY		
		VAGINAL	CESAREAN	UNKNOWN
ALL AGES	100.0	76.5	22.3	1.2
UNDER 15	100.0	87.4	11.8	0.7
15-19	100.0	83.6	15.9	0.5
20-24	100.0	78.5	20.6	0.9
25-29	100.0	75.8	22.8	1.4
30-34	100.0	74.0	24.5	1.6
35-39	100.0	71.2	27.1	1.7
40-44	100.0	69.3	29.8	1.0
45 & OVER	100.0	60.8	35.3	3.9
UNKNOWN	100.0	59.1	13.6	27.3

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: ROWS MAY NOT TOTAL 100.0 PERCENT DUE TO ROUNDING.

TABLE B-15A
RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE BY RACE OF MOTHER AND SEX OF CHILD, PENNSYLVANIA, 1989

APGAR SCORE	TOTAL BIRTHS	WHITE *			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	168,108	140,375	72,065	68,310	27,733	14,107	13,626
0-3	3,508	2,395	1,318	1,077	1,113	612	501
4	1,818	1,329	770	559	489	259	230
5	2,771	2,175	1,112	1,063	596	308	288
6	4,897	3,886	2,041	1,845	1,011	526	485
7	14,058	11,603	6,094	5,509	2,455	1,200	1,255
8	66,752	55,320	28,372	26,948	11,432	5,812	5,620
9	71,640	61,412	31,279	30,133	10,228	5,177	5,051
10	1,747	1,643	783	860	104	54	50
UNKNOWN	917	612	296	316	305	159	146

* UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-15B
RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES BY RACE OF MOTHER AND SEX OF CHILD, PENNSYLVANIA, 1989

APGAR SCORE	TOTAL BIRTHS	WHITE *			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	168,108	140,375	72,065	68,310	27,733	14,107	13,626
0-3	823	510	274	236	313	174	139
4	261	187	105	82	74	41	33
5	457	319	167	152	138	76	62
6	895	664	359	305	231	131	100
7	2,260	1,710	901	809	550	285	265
8	10,387	8,170	4,342	3,828	2,217	1,121	1,096
9	120,819	98,931	50,996	47,935	21,888	11,085	10,803
10	31,402	29,373	14,676	14,697	2,029	1,041	988
UNKNOWN	804	511	245	266	293	153	140

* UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-16
NAMES MOST FREQUENTLY GIVEN TO LIVE BIRTHS OCCURRING IN PENNSYLVANIA BY SEX OF CHILD, 1989 AND 1960, AND RACE OF MOTHER AND SEX OF CHILD, 1989

TOP TEN NAMES
FEMALES, 1989 AND 1960

RANK	1989	1960
1	ASHLEY	MARY
2	AMANDA	SUSAN
3	JESSICA	DONNA
4	BRITTANY	KAREN
5	SARAH	PATRICIA
6	SAMANTHA	LINDA
7	LAUREN	LISA
8	NICOLE	DEBORAH
9	JENNIFER	BARBARA
10	STEPHANIE	KATHLEEN

TOP TEN NAMES
FEMALES BY RACE OF MOTHER, 1989

RANK	WHITE	ALL OTHER
1	AMANDA	JASMINE
2	ASHLEY	BRITTANY
3	JESSICA	ASHLEY
4	BRITTANY	JESSICA
5	SARAH	TIFFANY
6	SAMANTHA	AMBER
7	LAUREN	CHRISTINA
8	NICOLE	KIARA
9	MEGAN	DANIELLE
10	STEPHANIE	MICHELLE

TOP TEN NAMES
MALES, 1989 AND 1960

RANK	1989	1960
1	MICHAEL	JOHN
2	MATTHEW	MICHAEL
3	CHRISTOPHER	DAVID
4	ANDREW	ROBERT
5	JOSHUA	JAMES
6	DANIEL	WILLIAM
7	JOHN	MARK
8	DAVID	JOSEPH
9	RYAN	THOMAS
10	JOSEPH	RICHARD

TOP TEN NAMES
MALES BY RACE OF MOTHER, 1989

RANK	WHITE	ALL OTHER
1	MICHAEL	MICHAEL
2	MATTHEW	CHRISTOPHER
3	CHRISTOPHER	ANTHONY
4	ANDREW	JAMES
5	JOSHUA	BRANDON
6	DANIEL	ROBERT
7	JOHN	DAVID
8	RYAN	KEVIN
9	JOSEPH	WILLIAM
10	DAVID	ERIC

TABLE B-17
RESIDENT LIVE BIRTHS BY RACE OF MOTHER, SEX OF CHILD, AND COUNTY
TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	WHITE **			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
ALL COUNTIES	168,108	14.0	61.0	140,375	72,065	68,310	27,733	14,107	13,626
ADAMS	1,042	13.9	57.9	1,015	524	491	27	13	14
ALLEGHENY	17,826	13.1	58.2	14,196	7,350	6,846	3,630	1,889	1,741
ARMSTRONG	867	11.2	53.6	863	425	438	4	2	2
BEAVER	2,270	11.9	55.1	2,040	1,035	1,005	230	110	120
BEDFORD	583	12.2	56.6	582	310	272	1	1	0
BERKS	4,801	14.4	64.5	4,543	2,341	2,202	258	136	122
BLAIR	1,557	11.7	52.1	1,528	773	755	29	14	15
BRADFORD	859	13.3	59.7	855	463	392	4	3	1
BUCKS	7,946	14.6	61.2	7,482	3,904	3,578	464	242	222
BUTLER	2,106	13.7	58.0	2,099	1,037	1,062	7	4	3
CAMBRIA	1,740	10.3	46.7	1,681	859	822	59	30	29
CAMERON	88	13.7	68.5	86	40	46	2	0	2
CARBON	712	12.6	59.8	709	368	341	3	1	2
CENTRE	1,466	12.7	45.1	1,368	708	660	98	49	49
CHESTER	5,616	15.3	60.5	5,126	2,628	2,498	490	235	255
CLARION	520	12.5	51.8	515	245	270	5	4	1
CLEARFIELD	1,035	12.8	60.5	1,027	510	517	8	5	3
CLINTON	438	11.4	48.2	434	235	199	4	2	2
COLUMBIA	729	11.9	48.9	721	362	359	8	5	3
CRAWFORD	1,135	13.3	64.3	1,110	564	546	25	10	15
CUMBERLAND	2,317	11.8	48.4	2,244	1,126	1,118	73	36	37
DAUPHIN	3,734	15.4	66.8	2,773	1,448	1,325	961	486	475
DELAWARE	8,206	14.7	65.0	6,588	3,381	3,207	1,618	803	815
ELK	464	12.8	61.2	464	244	220	0	0	0
ERIE	4,078	14.7	61.0	3,617	1,830	1,787	461	234	227
FAYETTE	1,810	12.0	59.4	1,714	885	829	96	55	41
FOREST	67	14.0	69.9	66	37	29	1	1	0
FRANKLIN	1,575	13.1	58.8	1,521	751	770	54	25	29
FULTON	210	14.7	65.2	209	113	96	1	1	0
GREENE	485	12.3	52.5	481	253	228	4	3	1
HUNTINGDON	525	12.3	54.2	520	275	245	5	3	2
INDIANA	1,067	11.7	44.8	1,052	533	519	15	8	7
JEFFERSON	610	12.9	60.4	607	311	296	3	2	1

(CONTINUED)

TABLE B-17
RESIDENT LIVE BIRTHS BY RACE OF MOTHER, SEX OF CHILD, AND COUNTY TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	W H I T E **			A L L O T H E R		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
JUNIATA	244	12.0	56.6	243	132	111	1	1	0
LACKAWANNA	2,666	12.0	55.0	2,630	1,314	1,316	36	23	13
LANCASTER	6,933	16.5	70.9	6,559	3,329	3,230	374	198	176
LAWRENCE	1,162	11.5	55.3	1,099	550	549	63	31	32
LEBANON	1,587	13.8	59.7	1,551	769	782	36	17	19
LEHIGH	4,110	14.1	59.4	3,840	1,981	1,859	270	146	124
LUZERNE	3,834	11.5	53.7	3,770	1,961	1,809	64	30	34
LYCOMING	1,657	13.9	61.4	1,598	849	749	59	28	31
MCKEAN	556	12.3	61.0	552	303	249	4	1	3
MERCER	1,445	11.8	54.3	1,350	698	652	95	58	37
MIFFLIN	679	14.5	64.9	675	352	323	4	1	3
MONROE	1,483	15.2	65.6	1,437	752	685	46	25	21
MONTGOMERY	9,611	13.9	61.1	8,698	4,450	4,248	913	470	443
MONTOUR	236	14.3	64.5	233	119	114	3	2	1
NORTHAMPTON	3,228	13.0	60.3	3,082	1,590	1,492	146	83	63
NORTHUMBERLAND	1,180	11.9	57.2	1,176	594	582	4	3	1
PERRY	630	15.4	65.5	629	313	316	1	0	1
PHILADELPHIA	29,242	17.8	74.6	12,957	6,628	6,329	16,285	8,215	8,070
PIKE	351	12.2	61.6	348	155	193	3	1	2
POTTER	209	11.9	59.4	209	111	98	0	0	0
SCHUYLKILL	1,719	11.1	53.8	1,703	875	828	16	10	6
SNYDER	540	14.9	62.9	538	265	273	2	2	0
SOMERSET	983	12.2	57.0	983	527	456	0	0	0
SULLIVAN	65	10.0	44.1	65	34	31	0	0	0
SUSQUEHANNA	494	12.1	57.6	493	242	251	1	0	1
TIOGA	505	12.4	53.9	500	245	255	5	4	1
UNION	468	13.2	55.6	463	249	214	5	3	2
VENANGO	733	12.1	55.2	719	349	370	14	7	7
WARREN	604	13.3	63.2	600	299	301	4	4	0
WASHINGTON	2,381	11.4	53.3	2,242	1,143	1,099	139	62	77
WAYNE	541	13.1	62.9	540	280	260	1	0	1
WESTMORELAND	4,298	11.4	50.3	4,144	2,160	1,984	154	74	80
WYOMING	410	14.6	63.6	408	219	189	2	2	0
YORK	4,840	14.3	60.1	4,505	2,360	2,145	335	194	141

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* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY.
GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

** UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.

***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-18
RESIDENT LIVE BIRTHS BY RACE OF MOTHER, SEX OF CHILD, AND COUNTY
NUMBER AND AVERAGE ANNUAL RATE: PENNSYLVANIA, 1985-1989

	TOTAL BIRTHS	BIRTH	WHITE **			ALL OTHER		
COUNTY	1985-89	RATE*	TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
ALL COUNTIES	815,962	13.7	690,149	354,638	335,511	125,813	63,942	61,871
ADAMS	5,062	14.0	4,951	2,517	2,434	111	57	54
ALLEGHENY	88,224	12.9	71,400	36,524	34,876	16,824	8,665	8,159
ARMSTRONG	4,592	11.7	4,554	2,314	2,240	38	16	22
BEAVER	11,404	11.9	10,344	5,279	5,065	1,060	518	542
BEDFORD	2,886	12.1	2,882	1,466	1,416	4	4	0
BERKS	21,920	13.5	20,907	10,712	10,195	1,013	504	509
BLAIR	8,057	12.2	7,971	4,124	3,847	86	42	44
BRADFORD	4,423	13.8	4,396	2,281	2,115	27	17	10
BUCKS	37,677	14.2	35,788	18,595	17,193	1,889	973	916
BUTLER	10,193	13.4	10,142	5,174	4,968	51	29	22
CAMBRIA	9,306	10.8	9,062	4,637	4,425	244	131	113
CAMERON	462	14.3	456	245	211	6	1	5
CARBON	3,202	11.6	3,186	1,635	1,551	16	8	8
CENTRE	7,015	12.2	6,578	3,378	3,200	437	216	221
CHESTER	26,530	15.1	24,284	12,497	11,787	2,246	1,116	1,130
CLARION	2,569	12.2	2,534	1,282	1,252	35	23	12
CLEARFIELD	5,372	13.1	5,342	2,777	2,565	30	17	13
CLINTON	2,216	11.6	2,204	1,172	1,032	12	10	2
COLUMBIA	3,576	11.7	3,552	1,820	1,732	24	12	12
CRAWFORD	5,738	13.3	5,619	2,896	2,723	119	55	64
CUMBERLAND	11,020	11.5	10,676	5,420	5,256	344	169	175
DAUPHIN	17,557	14.7	13,387	6,893	6,494	4,170	2,065	2,105
DELAWARE	40,148	14.4	33,271	16,998	16,273	6,877	3,446	3,431
ELK	2,528	13.6	2,522	1,295	1,227	6	4	2
ERIE	20,172	14.5	18,307	9,399	8,908	1,865	939	926
FAYETTE	9,098	11.8	8,647	4,525	4,122	451	246	205
FOREST	258	10.8	256	144	112	2	1	1
FRANKLIN	7,717	12.9	7,475	3,758	3,717	242	113	129
FULTON	948	13.4	932	481	451	16	6	10
GREENE	2,486	12.4	2,463	1,252	1,211	23	15	8
HUNTINGDON	2,694	12.6	2,655	1,355	1,300	39	20	19
INDIANA	5,350	11.6	5,277	2,704	2,573	73	34	39
JEFFERSON	3,087	12.9	3,082	1,593	1,489	5	3	2

(CONTINUED)

TABLE B-18
RESIDENT LIVE BIRTHS BY RACE OF MOTHER, SEX OF CHILD, AND COUNTY
NUMBER AND AVERAGE ANNUAL RATE: PENNSYLVANIA, 1985-1989

COUNTY	TOTAL BIRTHS 1985-89	BIRTH RATE*	WHITE **			ALL OTHER		
			TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
JUNIATA	1,353	13.4	1,349	674	675	4	2	2
LACKAWANNA	13,353	12.0	13,135	6,731	6,404	218	119	93
LANCASTER	32,492	16.1	31,015	15,914	15,101	1,477	764	713
LAWRENCE	5,819	11.5	5,544	2,855	2,689	275	134	141
LEBANON	7,397	13.1	7,278	3,779	3,499	119	61	58
LEHIGH	19,044	13.3	18,072	9,238	8,834	972	527	445
LUZERNE	18,795	11.3	18,545	9,616	8,929	250	125	125
LYCOMING	8,104	13.8	7,872	4,053	3,819	232	132	100
MCKEAN	2,910	12.5	2,894	1,494	1,400	16	8	8
MERCER	7,235	11.7	6,692	3,438	3,254	543	272	271
MIFFLIN	3,265	14.0	3,248	1,678	1,570	17	8	9
MONROE	5,769	13.1	5,620	2,900	2,720	149	85	64
MONTGOMERY	46,408	13.7	42,235	21,743	20,492	4,173	2,122	2,051
MONTOUR	1,230	14.8	1,212	592	620	18	8	10
NORTHAMPTON	14,847	12.4	14,272	7,315	6,957	575	292	283
NORTHUMBERLAND	5,901	11.9	5,878	3,003	2,875	23	14	9
PERRY	2,870	14.5	2,855	1,507	1,348	15	9	6
PHILADELPHIA	141,454	17.2	65,931	33,909	32,022	75,523	38,287	37,236
PIKE	1,462	11.9	1,453	733	720	9	4	5
POTTER	1,231	13.7	1,231	658	573	0	0	0
SCHUYLKILL	8,604	11.1	8,542	4,405	4,137	62	34	28
SNYDER	2,589	14.4	2,580	1,320	1,260	9	6	3
SOMERSET	4,948	12.2	4,942	2,497	2,445	6	2	4
SULLIVAN	319	10.0	317	160	157	2	0	2
SUSQUEHANNA	2,683	13.3	2,674	1,377	1,297	9	4	5
TIOGA	2,530	12.5	2,512	1,284	1,228	18	13	5
UNION	2,185	12.6	2,167	1,112	1,055	18	11	7
VENANGO	3,861	12.5	3,819	1,954	1,865	42	20	22
WARREN	3,057	13.3	3,039	1,568	1,471	18	12	6
WASHINGTON	11,797	11.2	11,268	5,805	5,463	529	285	244
WAYNE	2,521	12.7	2,514	1,305	1,209	7	1	6
WESTMORELAND	21,675	11.4	21,038	10,753	10,285	637	321	316
WYOMING	1,918	13.7	1,910	982	928	8	5	3
YORK	22,849	13.8	21,394	11,144	10,250	1,455	780	675

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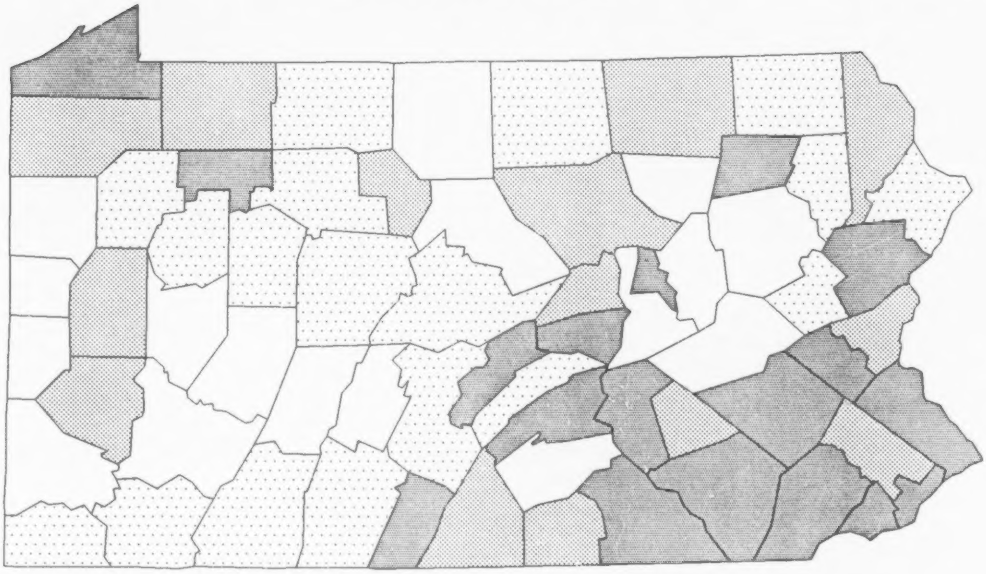
* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY, 1985-1989.

** UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.

***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

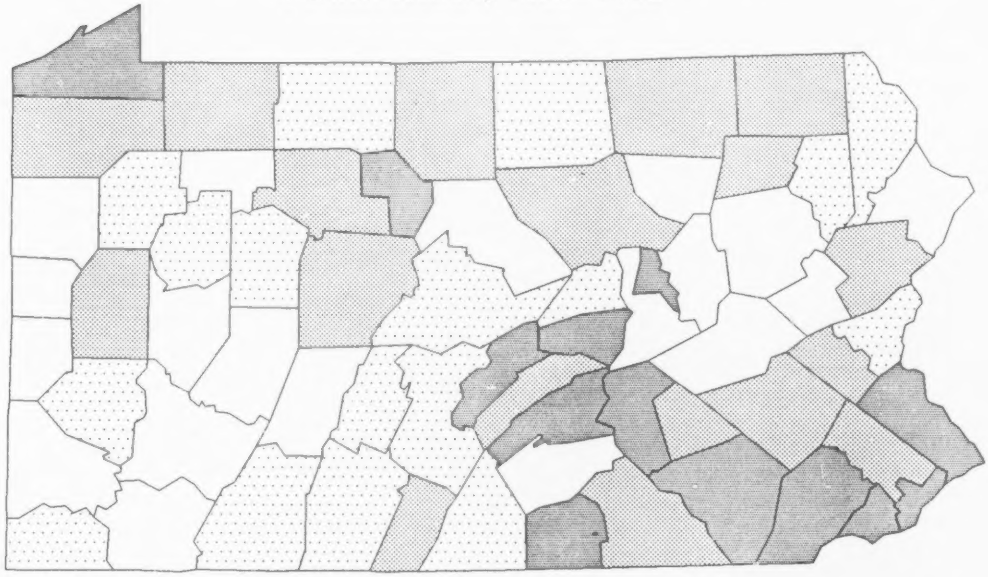
FIGURE B-9
RESIDENT BIRTH RATES BY COUNTY
PENNSYLVANIA, 1989



RATE ☐ < 12.0 ▒ 12.0-12.9 ▒ 13.0-13.9 ▓ 14.0+

NOTE: RATE PER 1,000 POPULATION, 1989. SEE TABLE B-17 FOR COUNTY RATES.

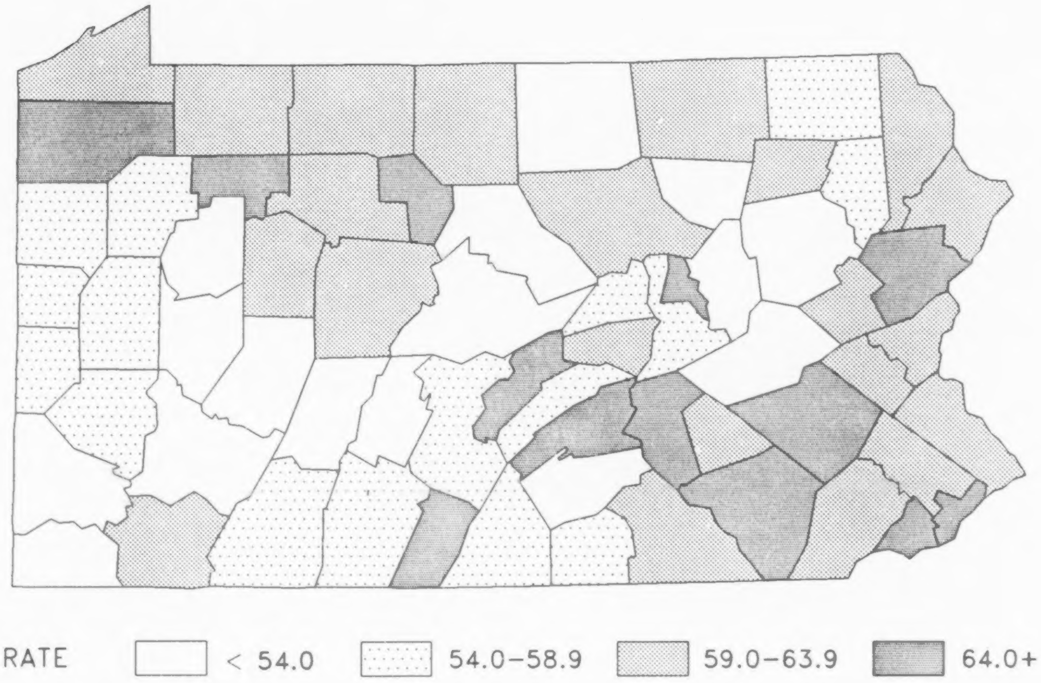
FIGURE B-10
RESIDENT AVERAGE ANNUAL BIRTH RATES BY COUNTY
PENNSYLVANIA, 1985-1989



RATE ☐ < 12.0 ▒ 12.0-12.9 ▒ 13.0-13.9 ▓ 14.0+

NOTE: RATE PER 1,000 POPULATION, 1985-1989. SEE TABLE B-18 FOR COUNTY RATES.

FIGURE B-11
GENERAL FERTILITY RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1989



NOTE: GENERAL FERTILITY RATE IS THE NUMBER OF LIVE BIRTHS PER 1,000 FEMALES BETWEEN THE AGES OF 15 AND 44 YEARS. SEE TABLE B-17 FOR COUNTY RATES.

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL COUNTIES	168,108	406	18,621	41,201	54,352	39,101	12,681	1,673	51	22
ADAMS	1,042	2	114	323	350	187	58	7	1	0
ALLEGHENY	17,826	48	1,652	3,411	5,803	5,037	1,666	202	5	2
ARMSTRONG	867	1	118	236	307	149	48	8	0	0
BEAVER	2,270	5	226	535	832	514	147	11	0	0
BEDFORD	583	0	91	168	187	102	26	9	0	0
BERKS	4,801	9	546	1,222	1,658	1,032	289	44	1	0
BLAIR	1,557	0	231	465	470	290	90	10	1	0
BRADFORD	859	2	121	295	247	146	40	8	0	0
BUCKS	7,946	5	420	1,422	2,857	2,398	732	106	2	4
BUTLER	2,106	2	153	493	742	550	148	18	0	0
CAMBRIA	1,740	3	223	489	526	364	116	17	2	0
CAMERON	88	0	12	27	26	14	7	2	0	0
CARBON	712	0	74	234	239	123	36	6	0	0
CENTRE	1,466	1	103	372	505	344	129	11	1	0
CHESTER	5,616	6	350	889	1,846	1,803	647	72	0	3
CLARION	520	0	66	163	164	101	19	7	0	0
CLEARFIELD	1,035	0	140	328	348	172	42	5	0	0
CLINTON	438	1	64	157	123	68	20	4	1	0
COLUMBIA	729	1	89	203	256	142	34	4	0	0
CRAWFORD	1,135	1	140	343	354	215	67	14	1	0
CUMBERLAND	2,317	1	185	512	823	578	193	24	1	0
DAUPHIN	3,734	14	518	940	1,225	773	240	24	0	0
DELAWARE	8,206	21	672	1,505	2,740	2,370	798	96	3	1
ELK	464	1	49	135	160	86	28	5	0	0
ERIE	4,078	9	577	1,031	1,225	896	297	43	0	0
FAYETTE	1,810	10	296	545	469	360	113	16	1	0
FOREST	67	0	10	18	22	15	2	0	0	0
FRANKLIN	1,575	4	177	495	519	290	83	7	0	0
FULTON	210	2	34	82	51	27	13	1	0	0
GREENE	485	0	75	163	132	84	31	0	0	0
HUNTINGDON	525	1	70	198	154	76	22	4	0	0
INDIANA	1,067	0	126	273	377	212	72	7	0	0
JEFFERSON	610	0	85	196	189	99	35	6	0	0

(CONTINUED)

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
JUNIATA	244	0	33	67	85	36	18	4	1	0
LACKAWANNA	2,666	5	216	623	894	669	213	45	1	0
LANCASTER	6,933	5	647	1,856	2,353	1,473	533	61	4	1
LAWRENCE	1,162	1	135	327	383	227	77	11	1	0
LEBANON	1,587	2	170	457	524	325	92	17	0	0
LEHIGH	4,110	5	393	941	1,351	1,048	328	43	0	1
LUZERNE	3,834	3	415	929	1,237	915	289	44	2	0
LYCOMING	1,657	1	211	498	530	312	92	13	0	0
MCKEAN	556	0	104	187	142	91	25	7	0	0
MERCER	1,445	3	183	382	466	298	98	15	0	0
MIFFLIN	679	1	100	217	202	109	44	6	0	0
MONROE	1,483	0	82	336	511	412	118	23	1	0
MONTGOMERY	9,611	12	432	1,532	3,315	3,076	1,112	130	1	1
MONTOUR	236	0	21	54	79	65	15	2	0	0
NORTHAMPTON	3,228	6	328	743	1,091	774	249	37	0	0
NORTHUMBERLAND	1,180	0	186	389	340	211	45	7	2	0
PERRY	630	1	86	181	202	121	33	5	1	0
PHILADELPHIA	29,242	188	5,064	8,393	8,306	5,244	1,778	254	10	5
PIKE	351	0	10	58	155	94	31	3	0	0
POTTER	209	0	23	56	69	50	11	0	0	0
SCHUYLKILL	1,719	3	214	538	490	355	103	16	0	0
SNYDER	540	0	65	153	190	90	35	7	0	0
SOMERSET	983	1	126	295	309	183	60	8	0	1
SULLIVAN	65	0	7	16	17	22	2	1	0	0
SUSQUEHANNA	494	0	52	142	168	95	32	5	0	0
TIOGA	505	1	67	171	145	97	21	1	2	0
UNION	468	0	54	145	132	88	40	7	1	1
VENANGO	733	4	91	209	224	151	47	7	0	0
WARREN	604	2	63	185	196	115	35	7	1	0
WASHINGTON	2,381	3	250	585	825	557	144	16	1	0
WAYNE	541	2	42	131	194	113	52	7	0	0
WESTMORELAND	4,298	1	362	1,049	1,506	1,044	306	29	1	0
WYOMING	410	1	49	117	130	75	31	7	0	0
YORK	4,840	5	533	1,371	1,665	949	284	30	1	2

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
COUNTY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	168,108	2,308	1.4	9,623	5.7	88,007	52.4	64,975	38.7	3,019	1.8	176	0.1
ADAMS	1,042	8	0.8	41	3.9	549	52.7	425	40.8	18	1.7	1	0.1
ALLEGHENY	17,826	278	1.6	1,050	5.9	9,172	51.5	6,966	39.1	302	1.7	58	0.3
ARMSTRONG	867	10	1.2	40	4.6	446	51.4	355	40.9	15	1.7	1	0.1
BEAVER	2,270	24	1.1	125	5.5	1,191	52.5	881	38.8	46	2.0	3	0.1
BEDFORD	583	4	0.7	30	5.1	276	47.3	252	43.2	21	3.6	0	-
BERKS	4,801	60	1.2	251	5.2	2,381	49.6	2,009	41.8	99	2.1	1	0.0
BLAIR	1,557	11	0.7	74	4.8	796	51.1	638	41.0	38	2.4	0	-
BRADFORD	859	4	0.5	29	3.4	399	46.4	407	47.4	20	2.3	0	-
BUCKS	7,946	74	0.9	366	4.6	3,905	49.1	3,415	43.0	177	2.2	9	0.1
BUTLER	2,106	21	1.0	72	3.4	1,054	50.0	908	43.1	48	2.3	3	0.1
CAMBRIA	1,740	11	0.6	112	6.4	909	52.2	678	39.0	29	1.7	1	0.1
CAMERON	88	3	3.4	2	2.3	52	59.1	30	34.1	1	1.1	0	-
CARBON	712	12	1.7	53	7.4	402	56.5	240	33.7	5	0.7	0	-
CENTRE	1,466	16	1.1	55	3.8	772	52.7	597	40.7	26	1.8	0	-
CHESTER	5,616	54	1.0	219	3.9	2,692	47.9	2,521	44.9	128	2.3	2	0.0
CLARION	520	8	1.5	26	5.0	275	52.9	206	39.6	4	0.8	1	0.2
CLEARFIELD	1,035	11	1.1	61	5.9	569	55.0	383	37.0	11	1.1	0	-
CLINTON	438	4	0.9	30	6.8	244	55.7	156	35.6	4	0.9	0	-
COLUMBIA	729	7	1.0	33	4.5	391	53.6	292	40.1	6	0.8	0	-
CRAWFORD	1,135	13	1.1	51	4.5	560	49.3	489	43.1	21	1.9	1	0.1
CUMBERLAND	2,317	19	0.8	102	4.4	1,088	47.0	1,061	45.8	47	2.0	0	-
DAUPHIN	3,734	64	1.7	234	6.3	1,969	52.7	1,404	37.6	61	1.6	2	0.1
DELAWARE	8,206	104	1.3	402	4.9	4,144	50.5	3,386	41.3	167	2.0	3	0.0
ELK	464	2	0.4	21	4.5	245	52.8	191	41.2	5	1.1	0	-
ERIE	4,078	50	1.2	233	5.7	2,195	53.8	1,539	37.7	60	1.5	1	0.0
FAYETTE	1,810	9	0.5	97	5.4	1,022	56.5	644	35.6	34	1.9	4	0.2
FOREST	67	0	-	1	1.5	35	52.2	30	44.8	1	1.5	0	-
FRANKLIN	1,575	20	1.3	63	4.0	783	49.7	678	43.0	31	2.0	0	-
FULTON	210	0	-	12	5.7	100	47.6	94	44.8	4	1.9	0	-
GREENE	485	4	0.8	22	4.5	239	49.3	206	42.5	13	2.7	1	0.2
HUNTINGDON	525	5	1.0	21	4.0	270	51.4	224	42.7	5	1.0	0	-
INDIANA	1,067	6	0.6	57	5.3	589	55.2	407	38.1	8	0.7	0	-
JEFFERSON	610	4	0.7	34	5.6	317	52.0	250	41.0	5	0.8	0	-

(CONTINUED)

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	244	1	0.4	12	4.9	107	43.9	119	48.8	5	2.0	0	-
LACKAWANNA	2,666	25	0.9	121	4.5	1,509	56.6	973	36.5	37	1.4	1	0.0
LANCASTER	6,933	71	1.0	319	4.6	3,404	49.1	2,979	43.0	151	2.2	9	0.1
LAWRENCE	1,162	18	1.5	62	5.3	564	48.5	495	42.6	21	1.8	2	0.2
LEBANON	1,587	15	0.9	74	4.7	799	50.3	663	41.8	36	2.3	0	-
LEHIGH	4,110	57	1.4	211	5.1	2,179	53.0	1,585	38.6	76	1.8	2	0.0
LUZERNE	3,834	41	1.1	170	4.4	2,021	52.7	1,531	39.9	71	1.9	0	-
LYCOMING	1,657	16	1.0	75	4.5	856	51.7	681	41.1	29	1.8	0	-
MCKEAN	556	5	0.9	30	5.4	268	48.2	242	43.5	11	2.0	0	-
MERCER	1,445	9	0.6	83	5.7	775	53.6	551	38.1	26	1.8	1	0.1
MIFFLIN	679	3	0.4	29	4.3	319	47.0	308	45.4	20	2.9	0	-
MONROE	1,483	15	1.0	69	4.7	781	52.7	578	39.0	30	2.0	10	0.7
MONTGOMERY	9,611	85	0.9	445	4.6	4,763	49.6	4,110	42.8	201	2.1	7	0.1
MONTOUR	236	2	0.8	5	2.1	115	48.7	106	44.9	8	3.4	0	-
NORTHAMPTON	3,228	37	1.1	161	5.0	1,646	51.0	1,319	40.9	63	2.0	2	0.1
NORTHUMBERLAND	1,180	12	1.0	47	4.0	623	52.8	480	40.7	18	1.5	0	-
PERRY	630	3	0.5	32	5.1	318	50.5	265	42.1	12	1.9	0	-
PHILADELPHIA	29,242	772	2.6	2,671	9.1	16,984	58.1	8,408	28.8	383	1.3	24	0.1
PIKE	351	7	2.0	12	3.4	177	50.4	141	40.2	10	2.8	4	1.1
POTTER	209	2	1.0	9	4.3	121	57.9	75	35.9	2	1.0	0	-
SCHUYLKILL	1,719	20	1.2	98	5.7	949	55.2	628	36.5	24	1.4	0	-
SNYDER	540	4	0.7	27	5.0	261	48.3	225	41.7	23	4.3	0	-
SOMERSET	983	12	1.2	43	4.4	559	56.9	352	35.8	14	1.4	3	0.3
SULLIVAN	65	0	-	2	3.1	31	47.7	30	46.2	2	3.1	0	-
SUSQUEHANNA	494	1	0.2	25	5.1	261	52.8	195	39.5	12	2.4	0	-
TIOGA	505	5	1.0	28	5.5	252	49.9	209	41.4	11	2.2	0	-
UNION	468	2	0.4	17	3.6	219	46.8	215	45.9	13	2.8	2	0.4
VENANGO	733	6	0.8	42	5.7	388	52.9	279	38.1	18	2.5	0	-
WARREN	604	5	0.8	21	3.5	274	45.4	292	48.3	10	1.7	2	0.3
WASHINGTON	2,381	36	1.5	135	5.7	1,227	51.5	935	39.3	43	1.8	5	0.2
WAYNE	541	1	0.2	29	5.4	249	46.0	244	45.1	16	3.0	2	0.4
WESTMORELAND	4,298	45	1.0	211	4.9	2,225	51.8	1,744	40.6	67	1.6	6	0.1
WYOMING	410	6	1.5	16	3.9	220	53.7	164	40.0	4	1.0	0	-
YORK	4,840	49	1.0	273	5.6	2,532	52.3	1,892	39.1	92	1.9	2	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1985-1989

		BIRTH WEIGHT											
	TOTAL BIRTHS	0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
COUNTY	1985-89	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	815,962	10,754	1.3	45,530	5.6	427,396	52.4	316,526	38.8	15,112	1.9	644	0.1
ADAMS	5,062	37	0.7	239	4.7	2,650	52.4	2,046	40.4	89	1.8	1	0.0
ALLEGHENY	88,224	1,358	1.5	5,040	5.7	45,951	52.1	34,161	38.7	1,523	1.7	191	0.2
ARMSTRONG	4,592	48	1.0	239	5.2	2,394	52.1	1,827	39.8	81	1.8	3	0.1
BEAVER	11,404	124	1.1	585	5.1	5,956	52.2	4,515	39.6	217	1.9	7	0.1
BEDFORD	2,886	26	0.9	137	4.7	1,505	52.1	1,149	39.8	69	2.4	0	-
BERKS	21,920	261	1.2	1,013	4.6	11,046	50.4	9,154	41.8	439	2.0	7	0.0
BLAIR	8,057	103	1.3	410	5.1	4,122	51.2	3,256	40.4	166	2.1	0	-
BRADFORD	4,423	32	0.7	211	4.8	2,124	48.0	1,946	44.0	110	2.5	0	-
BUCKS	37,677	331	0.9	1,692	4.5	18,710	49.7	16,102	42.7	801	2.1	41	0.1
BUTLER	10,193	90	0.9	431	4.2	5,090	49.9	4,356	42.7	214	2.1	12	0.1
CAMBRIA	9,306	87	0.9	498	5.4	4,960	53.3	3,610	38.8	148	1.6	3	0.0
CAMERON	462	12	2.6	16	3.5	236	51.1	189	40.9	9	1.9	0	-
CARBON	3,202	29	0.9	195	6.1	1,713	53.5	1,205	37.6	58	1.8	2	0.1
CENTRE	7,015	65	0.9	295	4.2	3,677	52.4	2,847	40.6	129	1.8	2	0.0
CHESTER	26,530	241	0.9	1,073	4.0	12,837	48.4	11,752	44.3	609	2.3	18	0.1
CLARION	2,569	25	1.0	115	4.5	1,352	52.6	1,030	40.1	41	1.6	6	0.2
CLEARFIELD	5,372	59	1.1	336	6.3	2,906	54.1	1,999	37.2	72	1.3	0	-
CLINTON	2,216	22	1.0	128	5.8	1,173	52.9	852	38.4	40	1.8	1	0.0
COLUMBIA	3,576	26	0.7	164	4.6	1,897	53.0	1,431	40.0	57	1.6	1	0.0
CRAWFORD	5,738	61	1.1	258	4.5	2,854	49.7	2,415	42.1	143	2.5	7	0.1
CUMBERLAND	11,020	100	0.9	497	4.5	5,446	49.4	4,697	42.6	279	2.5	1	0.0
DAUPHIN	17,557	264	1.5	1,001	5.7	9,259	52.7	6,723	38.3	306	1.7	4	0.0
DELAWARE	40,148	471	1.2	2,024	5.0	20,196	50.3	16,586	41.3	861	2.1	10	0.0
ELK	2,528	22	0.9	110	4.4	1,324	52.4	1,032	40.8	39	1.5	1	0.0
ERIE	20,172	231	1.1	1,088	5.4	10,432	51.7	7,999	39.7	418	2.1	4	0.0
FAYETTE	9,098	94	1.0	508	5.6	4,894	53.8	3,441	37.8	157	1.7	4	0.0
FOREST	258	3	1.2	9	3.5	132	51.2	108	41.9	6	2.3	0	-
FRANKLIN	7,717	62	0.8	296	3.8	3,846	49.8	3,353	43.4	157	2.0	3	0.0
FULTON	948	9	0.9	41	4.3	470	49.6	412	43.5	16	1.7	0	-
GREENE	2,486	20	0.8	124	5.0	1,249	50.2	1,018	40.9	73	2.9	2	0.1
HUNTINGDON	2,694	21	0.8	122	4.5	1,416	52.6	1,101	40.9	34	1.3	0	-
INDIANA	5,350	61	1.1	251	4.7	2,808	52.5	2,155	40.3	73	1.4	2	0.0
JEFFERSON	3,087	22	0.7	180	5.8	1,657	53.7	1,191	38.6	37	1.2	0	-

(CONTINUED)

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1985-1989

		BIRTH WEIGHT											
	TOTAL BIRTHS	0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
COUNTY	1985-89	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	1,353	6	0.4	59	4.4	669	49.4	589	43.5	30	2.2	0	-
LACKAWANNA	13,353	126	0.9	743	5.6	7,272	54.5	4,977	37.3	229	1.7	6	0.0
LANCASTER	32,492	317	1.0	1,368	4.2	15,930	49.0	14,047	43.2	800	2.5	30	0.1
LAWRENCE	5,819	62	1.1	319	5.5	2,983	51.3	2,346	40.3	106	1.8	3	0.1
LEBANON	7,397	64	0.9	307	4.2	3,749	50.7	3,116	42.1	157	2.1	4	0.1
LEHIGH	19,044	236	1.2	957	5.0	9,907	52.0	7,553	39.7	383	2.0	8	0.0
LUZERNE	18,795	207	1.1	922	4.9	9,809	52.2	7,507	39.9	348	1.9	2	0.0
LYCOMING	8,104	78	1.0	384	4.7	4,131	51.0	3,353	41.4	158	1.9	0	-
MCKEAN	2,910	23	0.8	154	5.3	1,454	50.0	1,218	41.9	56	1.9	5	0.2
MERCER	7,235	56	0.8	397	5.5	3,803	52.6	2,840	39.3	131	1.8	8	0.1
MIFFLIN	3,265	27	0.8	134	4.1	1,557	47.7	1,458	44.7	87	2.7	2	0.1
MONROE	5,769	47	0.8	272	4.7	2,982	51.7	2,330	40.4	114	2.0	24	0.4
MONTGOMERY	46,408	463	1.0	2,004	4.3	23,050	49.7	19,854	42.8	1,015	2.2	22	0.0
MONTOUR	1,230	8	0.7	51	4.1	626	50.9	525	42.7	20	1.6	0	-
NORTHAMPTON	14,847	169	1.1	765	5.2	7,543	50.8	6,079	40.9	279	1.9	12	0.1
NORTHUMBERLAND	5,901	55	0.9	280	4.7	3,159	53.5	2,309	39.1	96	1.6	2	0.0
PERRY	2,870	19	0.7	133	4.6	1,447	50.4	1,216	42.4	54	1.9	1	0.0
PHILADELPHIA	141,454	3,401	2.4	12,313	8.7	82,538	58.3	41,378	29.3	1,721	1.2	103	0.1
PIKE	1,462	18	1.2	55	3.8	693	47.4	645	44.1	34	2.3	17	1.2
POTTER	1,231	10	0.8	55	4.5	652	53.0	488	39.6	25	2.0	1	0.1
SCHUYLKILL	8,604	83	1.0	440	5.1	4,574	53.2	3,351	38.9	155	1.8	1	0.0
SNYDER	2,589	23	0.9	132	5.1	1,282	49.5	1,084	41.9	66	2.5	2	0.1
SOMERSET	4,948	55	1.1	257	5.2	2,724	55.1	1,829	37.0	80	1.6	3	0.1
SULLIVAN	319	3	0.9	8	2.5	166	52.0	133	41.7	9	2.8	0	-
SUSQUEHANNA	2,683	22	0.8	139	5.2	1,359	50.7	1,097	40.9	64	2.4	2	0.1
TIOGA	2,530	23	0.9	141	5.6	1,284	50.8	1,013	40.0	66	2.6	3	0.1
UNION	2,185	21	1.0	93	4.3	1,057	48.4	954	43.7	57	2.6	3	0.1
VENANGO	3,861	32	0.8	205	5.3	1,972	51.1	1,563	40.5	89	2.3	0	-
WARREN	3,057	29	0.9	157	5.1	1,517	49.6	1,293	42.3	57	1.9	4	0.1
WASHINGTON	11,797	134	1.1	569	4.8	5,996	50.8	4,875	41.3	213	1.8	10	0.1
WAYNE	2,521	20	0.8	117	4.6	1,209	48.0	1,099	43.6	74	2.9	2	0.1
WESTMORELAND	21,675	224	1.0	1,058	4.9	11,189	51.6	8,817	40.7	366	1.7	21	0.1
WYOMING	1,918	23	1.2	86	4.5	1,019	53.1	752	39.2	37	1.9	1	0.1
YORK	22,849	253	1.1	1,130	4.9	11,812	51.7	9,180	40.2	465	2.0	9	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: VERY LOW BIRTH WEIGHT IS DEFINED AS 1499 GRAMS AND LESS.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

FIGURE B-12
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY, PENNSYLVANIA, FIVE-YEAR SUMMARY, 1985-1989

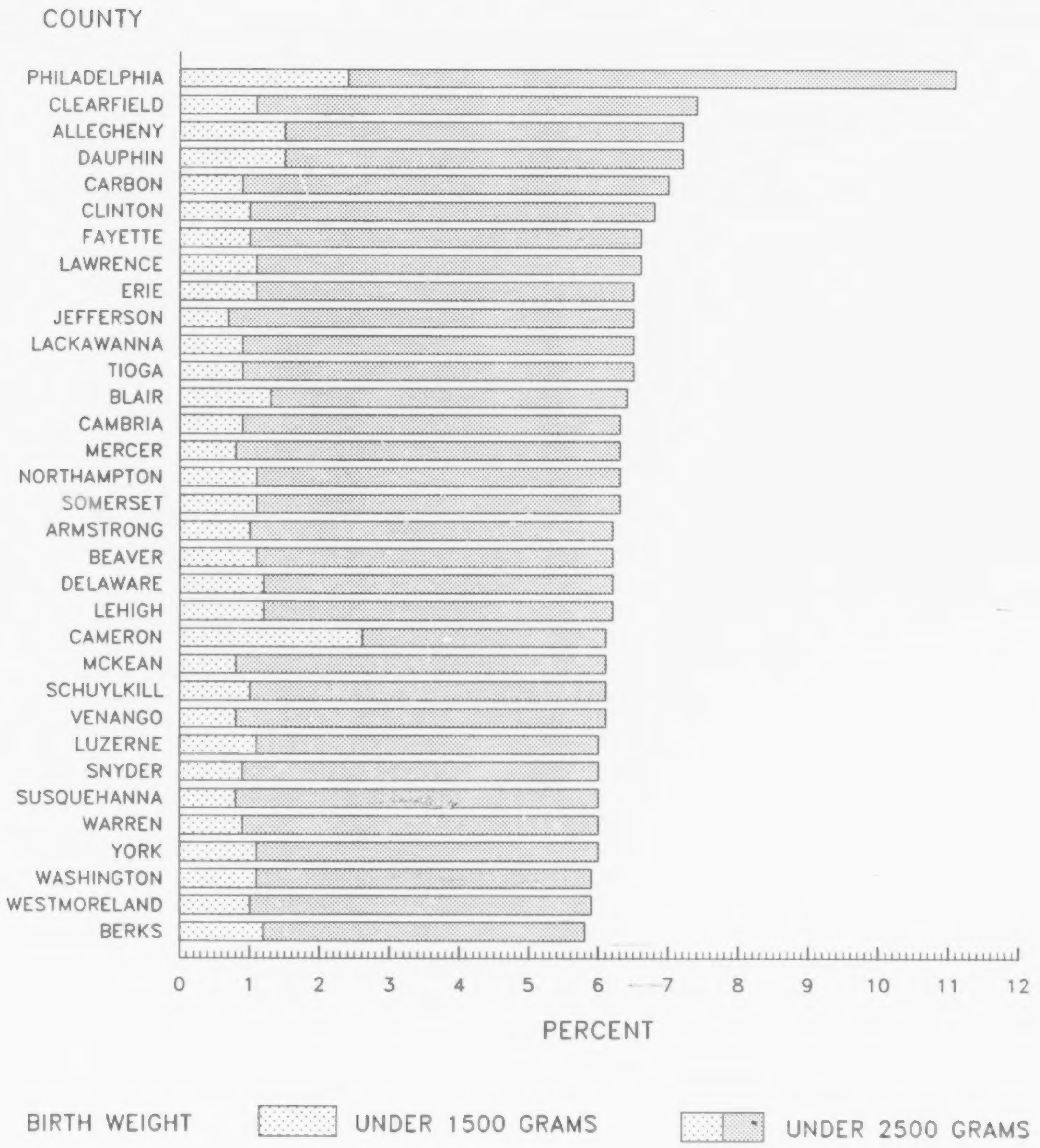
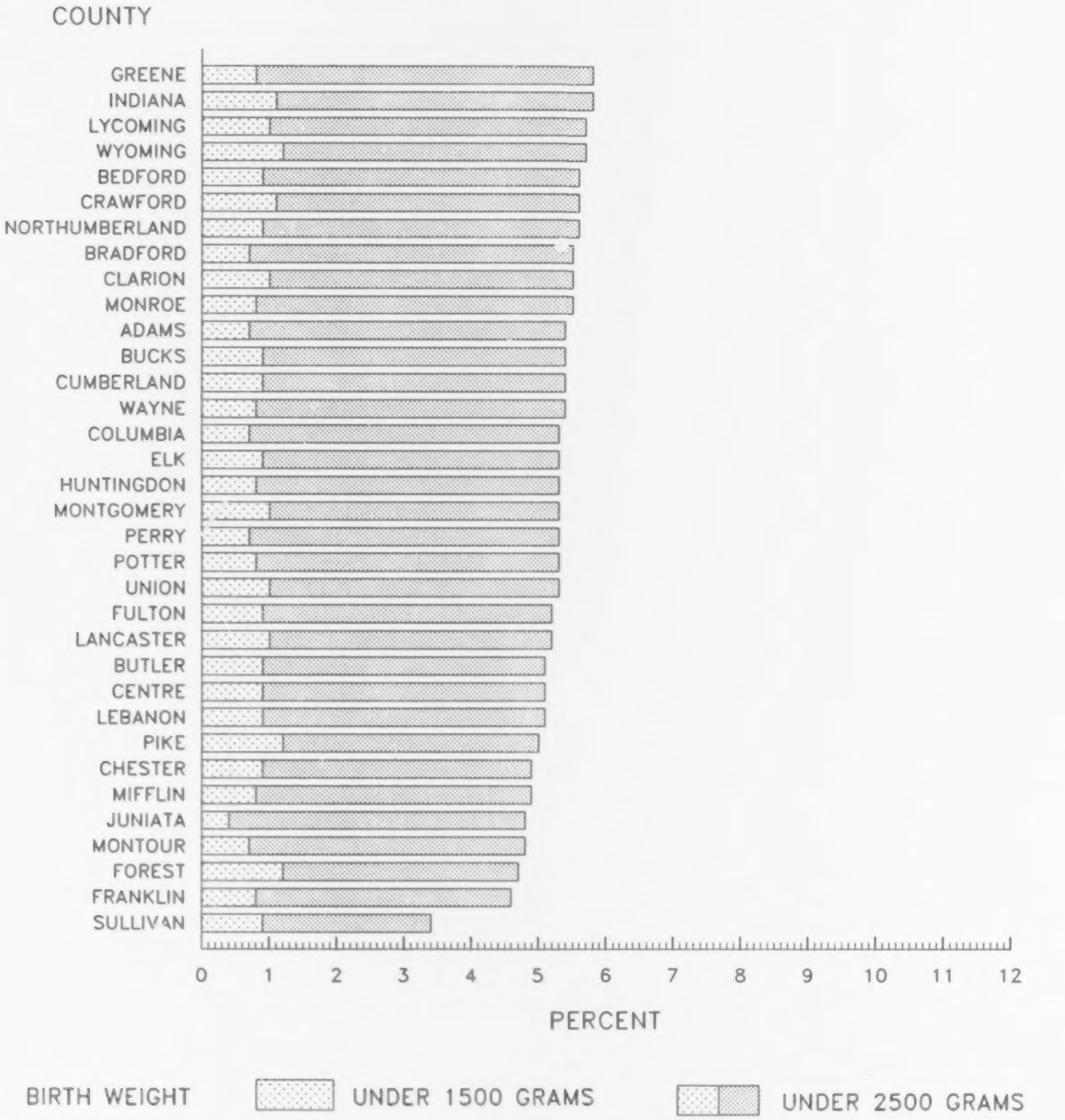


FIGURE B-12 (CONTINUED)
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT BY COUNTY, PENNSYLVANIA, FIVE-YEAR SUMMARY, 1985-1989



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.3 AND 6.9 PERCENT, RESPECTIVELY.

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		HIGHEST GRADE COMPLETED											
	TOTAL	0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
COUNTY	BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	168,108	4,554	2.7	23,176	13.8	76,872	45.7	29,779	17.7	31,691	18.9	2,036	1.2
ADAMS	1,042	51	4.9	161	15.5	540	51.8	143	13.7	146	14.0	1	0.1
ALLEGHENY	17,826	175	1.0	1,756	9.9	7,635	42.8	3,493	19.6	4,553	25.5	214	1.2
ARMSTRONG	867	12	1.4	114	13.1	535	61.7	128	14.8	76	8.8	2	0.2
BEAVER	2,270	26	1.1	270	11.9	1,121	49.4	543	23.9	282	12.4	28	1.2
BEDFORD	583	15	2.6	94	16.1	354	60.7	76	13.0	40	6.9	4	0.7
BERKS	4,801	180	3.7	815	17.0	2,262	47.1	806	16.8	726	15.1	12	0.2
BLAIR	1,557	29	1.9	231	14.8	910	58.4	219	14.1	165	10.6	3	0.2
BRADFORD	859	23	2.7	138	16.1	433	50.4	141	16.4	99	11.5	25	2.9
BUCKS	7,946	31	0.4	461	5.8	3,443	43.3	1,688	21.2	2,188	27.5	135	1.7
BUTLER	2,106	14	0.7	221	10.5	1,014	48.1	429	20.4	424	20.1	4	0.2
CAMBRIA	1,740	23	1.3	184	10.6	1,006	57.8	332	19.1	195	11.2	0	-
CAMERON	88	2	2.3	14	15.9	44	50.0	15	17.0	13	14.8	0	-
CARBON	712	8	1.1	109	15.3	394	55.3	138	19.4	62	8.7	1	0.1
CENTRE	1,466	40	2.7	120	8.2	580	39.6	242	16.5	480	32.7	4	0.3
CHESTER	5,616	118	2.1	379	6.7	1,890	33.7	1,115	19.9	1,977	35.2	137	2.4
CLARION	520	10	1.9	60	11.5	313	60.2	70	13.5	66	12.7	1	0.2
CLEARFIELD	1,035	14	1.4	148	14.3	572	55.3	186	18.0	113	10.9	2	0.2
CLINTON	438	23	5.3	70	16.0	233	53.2	71	16.2	41	9.4	0	-
COLUMBIA	729	17	2.3	90	12.3	393	53.9	125	17.1	104	14.3	0	-
CRAWFORD	1,135	117	10.3	129	11.4	592	52.2	150	13.2	144	12.7	3	0.3
CUMBERLAND	2,317	59	2.5	197	8.5	1,018	43.9	450	19.4	587	25.3	6	0.3
DAUPHIN	3,734	96	2.6	631	16.9	1,556	41.7	744	19.9	687	18.4	20	0.5
DELAWARE	8,206	100	1.2	670	8.2	3,543	43.2	1,662	20.3	2,171	26.5	60	0.7
ELK	464	5	1.1	36	7.8	263	56.7	101	21.8	58	12.5	1	0.2
ERIE	4,078	82	2.0	704	17.3	1,952	47.9	652	16.0	640	15.7	48	1.2
FAYETTE	1,810	54	3.0	400	22.1	994	54.9	210	11.6	146	8.1	6	0.3
FOREST	67	0	-	8	11.9	41	61.2	15	22.4	3	4.5	0	-
FRANKLIN	1,575	67	4.3	236	15.0	859	54.5	236	15.0	170	10.8	7	0.4
FULTON	210	5	2.4	32	15.2	127	60.5	33	15.7	13	6.2	0	-
GREENE	485	4	0.8	113	23.3	248	51.1	60	12.4	58	12.0	2	0.4
HUNTINGDON	525	13	2.5	70	13.3	317	60.4	77	14.7	48	9.1	0	-
INDIANA	1,067	74	6.9	129	12.1	524	49.1	148	13.9	188	17.6	4	0.4
JEFFERSON	610	6	1.0	90	14.8	355	58.2	97	15.9	62	10.2	0	-

(CONTINUED)

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		HIGHEST GRADE COMPLETED											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
COUNTY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	244	16	6.6	39	16.0	155	63.5	21	8.6	13	5.3	0	-
LACKAWANNA	2,666	41	1.5	304	11.4	1,206	45.2	565	21.2	542	20.3	8	0.3
LANCASTER	6,933	970	14.0	1,075	15.5	2,955	42.6	839	12.1	1,062	15.3	32	0.5
LAWRENCE	1,162	52	4.5	175	15.1	647	55.7	165	14.2	116	10.0	7	0.6
LEBANON	1,587	65	4.1	267	16.8	870	54.8	216	13.6	169	10.6	0	-
LEHIGH	4,110	80	1.9	557	13.6	1,724	41.9	806	19.6	923	22.5	20	0.5
LUZERNE	3,834	53	1.4	484	12.6	1,773	46.2	891	23.2	631	16.5	2	0.1
LYCOMING	1,657	49	3.0	268	16.2	750	45.3	372	22.5	218	13.2	0	-
MCKEAN	556	8	1.4	103	18.5	277	49.8	87	15.6	64	11.5	17	3.1
MERCER	1,445	84	5.8	186	12.9	684	47.3	252	17.4	234	16.2	5	0.3
MIFFLIN	679	109	16.1	101	14.9	346	51.0	72	10.6	51	7.5	0	-
MONROE	1,483	10	0.7	147	9.9	701	47.3	337	22.7	268	18.1	20	1.3
MONTGOMERY	9,611	48	0.5	531	5.5	3,463	36.0	1,764	18.4	3,769	39.2	36	0.4
MONTOUR	236	17	7.2	25	10.6	112	47.5	35	14.8	47	19.9	0	-
NORTHAMPTON	3,228	62	1.9	410	12.7	1,478	45.8	655	20.3	610	18.9	13	0.4
NORTHUMBERLAND	1,180	35	3.0	204	17.3	668	56.6	170	14.4	102	8.6	1	0.1
PERRY	630	17	2.7	103	16.3	356	56.5	100	15.9	50	7.5	4	0.6
PHILADELPHIA	29,242	921	3.1	6,894	23.6	12,571	43.0	4,433	15.2	3,463	11.8	960	3.3
PIKE	351	0	-	19	5.4	183	52.1	60	17.1	48	13.7	41	11.7
POTTER	209	2	1.0	23	11.0	108	51.7	41	19.6	23	11.0	12	5.7
SCHUYLKILL	1,719	27	1.6	278	16.2	918	53.4	325	18.9	170	9.9	1	0.1
SNYDER	540	67	12.4	69	12.8	282	52.2	56	10.4	65	12.0	1	0.2
SOMERSET	983	43	4.4	144	14.6	551	56.1	157	16.0	86	8.7	2	0.2
SULLIVAN	65	0	-	6	9.2	33	50.8	13	20.0	13	20.0	0	-
SUSQUEHANNA	494	9	1.8	56	11.3	272	55.1	54	10.9	65	13.2	38	7.7
TIOGA	505	7	1.4	71	14.1	259	51.3	70	13.9	68	13.5	30	5.9
UNION	468	61	13.0	71	15.2	205	43.8	58	12.4	73	15.6	0	-
VENANGO	733	22	3.0	124	16.9	386	52.7	112	15.3	89	12.1	0	-
WARREN	604	22	3.6	57	9.4	339	56.1	105	17.4	71	11.8	10	1.7
WASHINGTON	2,381	27	1.1	285	12.0	1,263	53.0	438	18.4	360	15.1	8	0.3
WAYNE	541	6	1.1	60	11.1	266	49.2	131	24.2	71	13.1	7	1.3
WESTMORELAND	4,298	38	0.9	424	9.9	2,173	50.6	912	21.2	733	17.1	18	0.4
WYOMING	410	3	0.7	52	12.7	220	53.7	77	18.8	58	14.1	0	-
YORK	4,840	90	1.9	684	14.1	2,617	54.1	795	16.4	641	13.2	13	0.3

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* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1989

		MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
COUNTY	TOTAL BIRTHS	NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
ALL COUNTIES	168,108	120,523	71.7	3,949	3.3	116,563	96.7	46,905	27.9	15,017	32.0	31,878	68.0
ADAMS	1,042	840	80.6	45	5.4	795	94.6	201	19.3	71	35.3	130	64.7
ALLEGHENY	17,826	12,945	72.6	251	1.9	12,694	98.1	4,869	27.3	1,448	29.7	3,419	70.2
ARMSTRONG	867	716	82.6	38	5.3	678	94.7	150	17.3	81	54.0	69	46.0
BEAVER	2,270	1,691	74.5	52	3.1	1,639	96.9	568	25.0	177	31.2	391	68.8
BEDFORD	583	471	80.8	44	9.3	427	90.7	112	19.2	47	42.0	65	58.0
BERKS	4,801	3,517	73.3	129	3.7	3,388	96.3	1,284	26.7	426	33.2	858	66.8
BLAIR	1,557	1,141	73.3	68	6.0	1,073	94.0	415	26.7	163	39.3	252	60.7
BRADFORD	859	596	69.4	38	6.4	558	93.6	211	24.6	79	37.4	132	62.6
BUCKS	7,946	6,799	85.6	115	1.7	6,680	98.2	1,139	14.3	310	27.2	829	72.8
BUTLER	2,106	1,775	84.3	54	3.0	1,721	97.0	329	15.6	101	30.7	228	69.3
CAMBRIA	1,740	1,340	77.0	72	5.4	1,268	94.6	399	22.9	154	38.6	245	61.4
CAMERON	88	60	68.2	4	6.7	56	93.3	28	31.8	8	28.6	20	71.4
CARBON	712	518	72.8	22	4.2	496	95.8	193	27.1	52	26.9	141	73.1
CENTRE	1,466	1,251	85.3	34	2.7	1,217	97.3	215	14.7	70	32.6	145	67.4
CHESTER	5,616	4,717	84.0	71	1.5	4,644	98.5	894	15.9	285	31.9	609	68.1
CLARION	520	414	79.6	24	5.8	390	94.2	106	20.4	42	39.6	64	60.4
CLEARFIELD	1,035	815	78.7	52	6.4	763	93.6	220	21.3	88	40.0	132	60.0
CLINTON	438	314	71.7	14	4.5	300	95.5	124	28.3	51	41.1	73	58.9
COLUMBIA	729	580	79.6	42	7.2	538	92.8	149	20.4	48	32.2	101	67.8
CRAWFORD	1,135	877	77.3	47	5.4	830	94.6	253	22.3	93	36.8	160	63.2
CUMBERLAND	2,317	1,960	84.6	68	3.5	1,892	96.5	356	15.4	118	33.1	238	66.9
DAUPHIN	3,734	2,409	64.5	66	2.7	2,343	97.3	1,322	35.4	466	35.2	856	64.8
DELAWARE	8,206	6,261	76.3	77	1.2	6,184	98.8	1,943	23.7	616	31.7	1,326	68.2
ELK	464	367	79.1	7	1.9	360	98.1	97	20.9	43	44.3	54	55.7
ERIE	4,078	2,802	68.7	125	4.5	2,677	95.5	1,258	30.8	458	36.4	800	63.6
FAYETTE	1,810	1,273	70.3	115	9.0	1,158	91.0	537	29.7	191	35.6	346	64.4
FOREST	67	47	70.1	1	2.1	46	97.9	20	29.9	9	45.0	11	55.0
FRANKLIN	1,575	1,267	80.4	61	4.8	1,206	95.2	304	19.3	120	39.5	184	60.5
FULTON	210	164	78.1	18	11.0	146	89.0	46	21.9	18	39.1	28	60.9
GREENE	485	362	74.6	31	8.6	331	91.4	123	25.4	44	35.8	79	64.2
HUNTINGDON	525	411	78.3	30	7.3	381	92.7	114	21.7	41	36.0	73	64.0
INDIANA	1,067	895	83.9	55	6.1	840	93.9	171	16.0	71	41.5	100	58.5
JEFFERSON	610	495	81.1	33	6.7	462	93.3	115	18.9	52	45.2	63	54.8

(CONTINUED)

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1989

		MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
COUNTY	TOTAL BIRTHS	NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
JUNIATA	244	196	80.3	10	5.1	186	94.9	48	19.7	23	47.9	25	52.1
LACKAWANNA	2,666	2,181	81.8	72	3.3	2,109	96.7	481	18.0	149	31.0	332	69.0
LANCASTER	6,933	5,557	80.2	169	3.0	5,387	96.9	1,371	19.8	482	35.2	889	64.8
LAWRENCE	1,162	850	73.1	45	5.3	805	94.7	255	21.9	89	34.9	166	65.1
LEBANON	1,587	1,203	75.8	46	3.8	1,157	96.2	384	24.2	126	32.8	258	67.2
LEHIGH	4,110	3,137	76.3	87	2.8	3,050	97.2	970	23.6	310	32.0	659	67.9
LUZERNE	3,834	2,944	76.8	98	3.3	2,846	96.7	889	23.2	320	36.0	569	64.0
LYCOMING	1,657	1,216	73.4	58	4.8	1,158	95.2	440	26.6	154	35.0	286	65.0
MCKEAN	556	351	63.1	34	9.7	317	90.3	148	26.6	62	41.9	86	58.1
MERCER	1,445	1,060	73.4	58	5.5	1,002	94.5	347	24.0	124	35.7	223	64.3
MIFFLIN	679	519	76.4	27	5.2	492	94.8	160	23.6	74	46.2	86	53.7
MONROE	1,483	1,238	83.5	26	2.1	1,212	97.9	231	15.6	55	23.8	176	76.2
MONTGOMERY	9,611	8,378	87.2	117	1.4	8,261	98.6	1,229	12.8	327	26.6	901	73.3
MONTOUR	236	201	85.2	8	4.0	193	96.0	35	14.8	13	37.1	22	62.9
NORTHAMPTON	3,228	2,532	78.4	66	2.6	2,466	97.4	692	21.4	268	38.7	424	61.3
NORTHUMBERLAND	1,180	895	75.8	69	7.7	826	92.3	284	24.1	117	41.2	167	58.8
PERRY	630	486	77.1	31	6.4	455	93.6	144	22.9	56	38.9	88	61.1
PHILADELPHIA	29,242	12,662	43.3	334	2.6	12,327	97.4	16,567	56.7	4,918	29.7	11,645	70.3
PIKE	351	245	69.8	2	0.8	243	99.2	31	8.8	4	12.9	27	87.1
POTTER	209	133	63.6	8	6.0	125	94.0	48	23.0	10	20.8	38	79.2
SCHUYLKILL	1,719	1,310	76.2	74	5.6	1,236	94.4	409	23.8	143	35.0	266	65.0
SNYDER	540	464	85.9	33	7.1	431	92.9	76	14.1	32	42.1	44	57.9
SOMERSET	983	812	82.6	63	7.8	748	92.1	170	17.3	64	37.6	106	62.4
SULLIVAN	65	52	80.0	5	9.6	47	90.4	13	20.0	2	15.4	11	84.6
SUSQUEHANNA	494	275	55.7	11	4.0	264	96.0	91	18.4	27	29.7	64	70.3
TIOGA	505	337	66.7	26	7.7	311	92.3	99	19.6	34	34.3	65	65.7
UNION	468	394	84.2	27	6.9	366	92.9	74	15.8	27	36.5	47	63.5
VENANGO	733	552	75.3	27	4.9	525	95.1	181	24.7	68	37.6	113	62.4
WARREN	604	464	76.8	26	5.6	438	94.4	117	19.4	39	33.3	78	66.7
WASHINGTON	2,381	1,828	76.8	73	4.0	1,755	96.0	549	23.1	180	32.8	369	67.2
WAYNE	541	438	81.0	20	4.6	418	95.4	88	16.3	24	27.3	64	72.7
WESTMORELAND	4,298	3,525	82.0	121	3.4	3,404	96.6	773	18.0	242	31.3	531	68.7
WYOMING	410	325	79.3	20	6.2	305	93.8	84	20.5	30	35.7	54	64.3
YORK	4,840	3,673	75.9	155	4.2	3,517	95.8	1,162	24.0	383	33.0	778	67.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH COUNTY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH COUNTY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	168,108	130,176	77.4	25,022	14.9	6,165	3.7	3,382	2.0	3,363	2.0
ADAMS	1,042	888	85.2	123	11.8	26	2.5	2	0.2	3	0.3
ALLEGHENY	17,826	14,976	84.0	1,854	10.4	421	2.4	301	1.7	274	1.5
ARMSTRONG	867	683	78.8	141	16.3	24	2.8	18	2.1	1	0.1
BEAVER	2,270	1,905	83.9	275	12.1	46	2.0	22	1.0	22	1.0
BEDFORD	583	427	73.2	124	21.3	27	4.6	2	0.3	3	0.5
BERKS	4,801	3,637	75.8	811	16.9	202	4.2	65	1.4	86	1.8
BLAIR	1,557	1,273	81.8	227	14.6	38	2.4	5	0.3	14	0.9
BRADFORD	859	699	81.4	129	15.0	27	3.1	4	0.5	0	-
BUCKS	7,946	6,790	85.5	786	9.9	189	2.4	117	1.5	64	0.8
BUTLER	2,106	1,712	81.3	305	14.5	46	2.2	27	1.3	16	0.8
CAMBRIA	1,740	1,401	80.5	285	16.4	42	2.4	4	0.2	8	0.5
CAMERON	88	65	73.9	15	17.0	7	8.0	0	-	1	1.1
CARBON	712	546	76.7	135	19.0	21	2.9	3	0.4	7	1.0
CENTRE	1,466	1,154	78.7	224	15.3	78	5.3	1	0.1	9	0.6
CHESTER	5,616	4,538	80.8	750	13.4	189	3.4	100	1.8	39	0.7
CLARION	520	418	80.4	83	16.0	11	2.1	1	0.2	7	1.3
CLEARFIELD	1,035	787	76.0	195	18.8	38	3.7	7	0.7	8	0.8
CLINTON	438	341	77.9	78	17.8	14	3.2	1	0.2	4	0.9
COLUMBIA	729	603	82.7	102	14.0	19	2.6	0	-	5	0.7
CRAWFORD	1,135	884	77.9	172	15.2	58	5.1	7	0.6	14	1.2
CUMBERLAND	2,317	1,901	82.0	326	14.1	50	2.2	16	0.7	24	1.0
DAUPHIN	3,734	2,685	71.9	725	19.4	220	5.9	54	1.4	50	1.3
DELAWARE	8,206	6,962	84.8	841	10.2	197	2.4	126	1.5	80	1.0
ELK	464	412	88.8	41	8.8	7	1.5	0	-	4	0.9
ERIE	4,078	3,342	82.0	504	12.4	121	3.0	68	1.7	43	1.1
FAYETTE	1,810	1,368	75.6	306	16.9	63	3.5	59	3.3	14	0.8
FOREST	67	54	80.6	12	17.9	0	-	0	-	1	1.5
FRANKLIN	1,575	1,170	74.3	299	19.0	86	5.5	10	0.6	10	0.6
FULTON	210	163	77.6	40	19.0	5	2.4	1	0.5	1	0.5
GREENE	485	365	75.3	84	17.3	22	4.5	7	1.4	7	1.4
HUNTINGDON	525	432	82.3	81	15.4	11	2.1	0	-	1	0.2
INDIANA	1,067	819	76.8	145	13.6	81	7.6	12	1.1	10	0.9
JEFFERSON	610	506	83.0	83	13.6	14	2.3	5	0.8	2	0.3

(CONTINUED)

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
COUNTY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	244	196	80.3	41	16.8	1	0.4	5	2.0	1	0.4
LACKAWANNA	2,666	2,241	84.1	341	12.8	46	1.7	4	0.2	34	1.3
LANCASTER	6,933	5,292	76.3	1,335	19.3	217	3.1	64	0.9	25	0.4
LAWRENCE	1,162	948	81.6	154	13.3	34	2.9	14	1.2	12	1.0
LEBANON	1,587	1,137	71.6	361	22.7	64	4.0	5	0.3	20	1.3
LEHIGH	4,110	3,503	85.2	429	10.4	104	2.5	33	0.8	41	1.0
LUZERNE	3,834	3,304	86.2	429	11.2	66	1.7	7	0.2	28	0.7
LYCOMING	1,657	1,175	70.9	407	24.6	66	4.0	3	0.2	6	0.4
MCKEAN	556	411	73.9	114	20.5	23	4.1	5	0.9	3	0.5
MERCER	1,445	1,125	77.9	246	17.0	55	3.8	7	0.5	12	0.8
MIFFLIN	679	516	76.0	103	15.2	48	7.1	8	1.2	4	0.6
MONROE	1,483	1,198	80.8	206	13.9	52	3.5	13	0.9	14	0.9
MONTGOMERY	9,611	8,337	86.7	868	9.0	203	2.1	136	1.4	67	0.7
MONTOUR	236	180	76.3	41	17.4	14	5.9	1	0.4	0	-
NORTHAMPTON	3,228	2,762	85.6	350	10.8	60	1.9	28	0.9	28	0.9
NORTHUMBERLAND	1,180	886	75.1	242	20.5	43	3.6	2	0.2	7	0.6
PERRY	630	445	70.6	141	22.4	31	4.9	9	1.4	4	0.6
PHILADELPHIA	29,242	17,007	58.2	6,169	21.1	2,122	7.3	1,851	6.3	2,093	7.2
PIKE	351	301	85.8	35	10.0	6	1.7	6	1.7	3	0.9
POTTER	209	173	82.8	30	14.4	3	1.4	2	1.0	1	0.5
SCHUYLKILL	1,719	1,489	86.6	188	10.9	30	1.7	3	0.2	9	0.5
SNYDER	540	382	70.7	124	23.0	27	5.0	3	0.6	4	0.7
SOMERSET	983	765	77.8	175	17.8	34	3.5	4	0.4	5	0.5
SULLIVAN	65	49	75.4	14	21.5	2	3.1	0	-	0	-
SUSQUEHANNA	494	404	81.8	79	16.0	7	1.4	1	0.2	3	0.6
TIOGA	505	410	81.2	79	15.6	12	2.4	1	0.2	3	0.6
UNION	468	351	75.0	84	17.9	25	5.3	4	0.9	4	0.9
VENANGO	733	597	81.4	111	15.1	19	2.6	2	0.3	4	0.5
WARREN	604	478	79.1	96	15.9	25	4.1	3	0.5	2	0.3
WASHINGTON	2,381	1,954	82.1	321	13.5	63	2.6	16	0.7	27	1.1
WAYNE	541	441	81.5	78	14.4	13	2.4	6	1.1	3	0.6
WESTMORELAND	4,298	3,519	81.9	578	13.4	103	2.4	75	1.7	23	0.5
WYOMING	410	317	77.3	75	18.3	13	3.2	1	0.2	4	1.0
YORK	4,840	3,977	82.2	677	14.0	134	2.8	15	0.3	37	0.8

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* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, AND COUNTY, PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	168,108	162,335	3,125	128	20	740	1,505	255	0
ADAMS	1,042	983	47	0	0	1	9	2	0
ALLEGHENY	17,826	17,569	135	6	2	31	75	8	0
ARMSTRONG	867	863	0	0	0	0	4	0	0
BEAVER	2,270	2,259	0	0	0	5	3	3	0
BEDFORD	583	565	9	0	1	0	8	0	0
BERKS	4,801	4,490	176	3	0	59	64	9	0
BLAIR	1,557	1,533	4	2	1	1	5	11	0
BRADFORD	859	716	135	2	0	1	1	4	0
BUCKS	7,946	7,737	130	3	2	19	49	6	0
BUTLER	2,106	2,095	1	3	0	2	4	1	0
CAMBRIA	1,740	1,715	17	5	0	1	0	2	0
CAMERON	88	88	0	0	0	0	0	0	0
CARBON	712	705	0	1	0	1	5	0	0
CENTRE	1,466	1,401	31	1	0	1	31	1	0
CHESTER	5,616	5,330	144	18	2	28	88	6	0
CLARION	520	514	0	1	0	0	2	3	0
CLEARFIELD	1,035	1,032	1	0	0	0	1	1	0
CLINTON	438	309	115	0	0	1	13	0	0
COLUMBIA	729	722	2	0	0	1	2	2	0
CRAWFORD	1,135	1,094	0	0	0	0	34	7	0
CUMBERLAND	2,317	2,221	26	0	0	3	62	5	0
DAUPHIN	3,734	3,658	46	3	0	13	11	3	0
DELAWARE	8,206	7,825	312	9	0	17	40	3	0
ELK	464	463	0	1	0	0	0	0	0
ERIE	4,078	4,061	2	1	0	4	3	7	0
FAYETTE	1,810	1,800	2	2	0	3	0	3	0
FOREST	67	65	1	0	0	0	1	0	0
FRANKLIN	1,575	1,429	67	0	2	1	74	2	0
FULTON	210	203	6	0	0	1	0	0	0
GREENE	485	482	0	0	0	1	0	2	0
HUNTINGDON	525	423	97	0	0	0	5	0	0
INDIANA	1,067	1,031	2	0	0	2	20	12	0
JEFFERSON	610	605	0	4	0	1	0	0	0

(CONTINUED)

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, AND COUNTY, PENNSYLVANIA, 1989

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
JUNIATA	244	206	18	2	0	0	18	0	0
LACKAWANNA	2,666	2,650	11	1	0	1	1	2	0
LANCASTER	6,933	6,286	22	3	0	307	309	6	0
LAWRENCE	1,162	1,142	1	0	1	2	12	4	0
LEBANON	1,587	1,518	2	0	0	39	25	3	0
LEHIGH	4,110	4,032	0	4	1	6	56	11	0
LUZERNE	3,834	3,828	2	1	0	0	0	3	0
LYCOMING	1,657	1,410	237	0	0	3	6	1	0
MCKEAN	556	552	1	1	0	1	1	0	0
MERCER	1,445	1,399	0	2	0	2	34	8	0
MIFFLIN	679	518	81	1	0	0	75	4	0
MONROE	1,483	1,439	7	1	1	10	16	9	0
MONTGOMERY	9,611	9,396	132	11	1	15	51	5	0
MONTOUR	236	215	5	0	0	0	15	1	0
NORTHAMPTON	3,228	3,180	1	2	0	4	32	9	0
NORTHUMBERLAND	1,180	1,144	12	0	0	4	18	2	0
PERRY	630	590	25	0	0	4	10	1	0
PHILADELPHIA	29,242	28,038	975	28	1	103	46	51	0
PIKE	351	348	2	0	1	0	0	0	0
POTTER	209	208	0	0	0	1	0	0	0
SCHUYLKILL	1,719	1,691	3	0	0	18	3	4	0
SNYDER	540	469	7	0	0	0	61	3	0
SOMERSET	983	963	13	1	0	0	3	3	0
SULLIVAN	65	58	7	0	0	0	0	0	0
SUSQUEHANNA	494	477	14	0	1	0	0	2	0
TIOGA	505	489	12	1	0	2	0	1	0
UNION	468	426	1	0	0	1	38	2	0
VENANGO	733	724	0	0	0	0	8	1	0
WARREN	604	590	0	0	0	0	12	2	0
WASHINGTON	2,381	2,367	0	1	0	3	8	2	0
WAYNE	541	528	9	0	0	1	1	2	0
WESTMORELAND	4,298	4,280	5	0	0	4	6	3	0
WYOMING	410	407	0	1	0	0	2	0	0
YORK	4,840	4,781	12	2	3	11	24	7	0

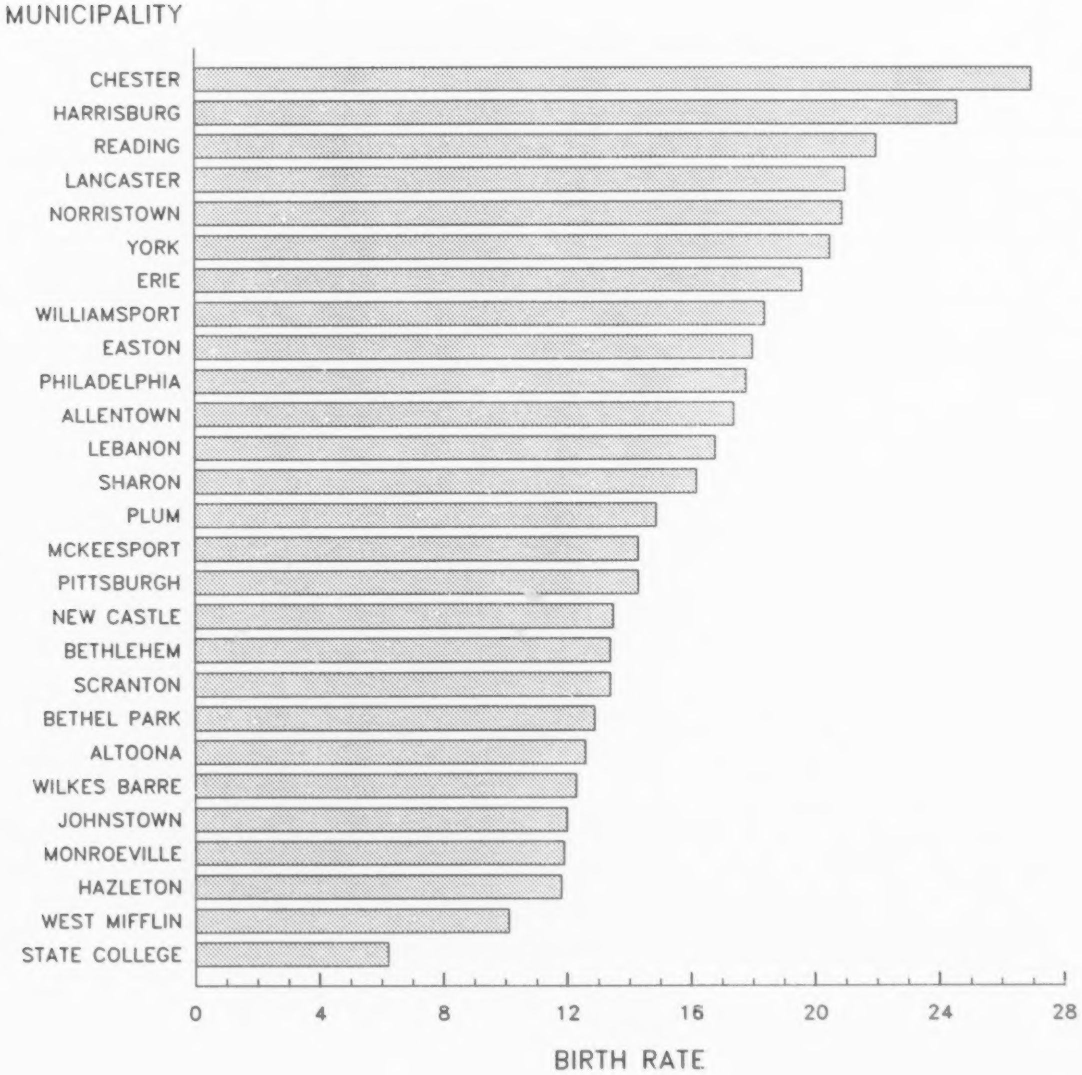
TABLE B-26
RESIDENT LIVE BIRTHS BY RACE OF MOTHER, SEX OF CHILD, AND SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1989

			WHITE **			ALL OTHER		
MUNICIPALITY	TOTAL BIRTHS	RATE*	TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
STATE TOTAL	168,108	14.0	140,375	72,065	68,310	27,733	14,107	13,626
ALLENTOWN	1,827	17.4	1,630	834	796	197	102	95
ALTOONA	662	12.6	643	326	317	19	8	11
BETHEL PARK	455	12.9	448	216	232	7	6	1
BETHLEHEM	978	13.4	903	483	420	75	41	34
CHESTER	1,134	27.0	278	135	143	856	425	431
EASTON	496	18.0	432	219	213	64	30	34
ERIE	2,189	19.6	1,746	877	869	443	225	218
HARRISBURG	1,265	24.6	493	247	246	772	379	393
HAZLETON	300	11.8	298	151	147	2	0	2
JOHNSTOWN	358	12.0	311	172	139	47	24	23
LANCASTER	1,240	21.0	995	497	498	245	124	121
LEBANON	453	16.8	434	219	215	19	9	10
MCKEESPORT	370	14.3	267	135	132	103	67	36
MONROEVILLE	355	11.9	323	149	174	32	16	16
NEW CASTLE	401	13.5	347	176	171	54	27	27
NORRISTOWN	682	20.9	435	229	206	247	129	118
PHILADELPHIA	29,242	17.8	12,957	6,628	6,329	16,285	8,215	8,070
PITTSBURGH	5,316	14.3	2,942	1,519	1,423	2,374	1,244	1,130
PLUM	370	14.9	359	214	145	11	5	6
READING	1,662	22.0	1,441	767	674	221	116	105
SCRANTON	1,080	13.4	1,051	516	535	29	19	10
SHARON	247	16.2	215	106	109	32	20	12
STATE COLLEGE	197	6.2	149	65	84	48	23	25
WEST MIFFLIN	246	10.1	201	107	94	45	23	22
WILKES BARRE	577	12.3	543	277	266	34	16	18
WILLIAMSPORT	586	18.4	531	302	229	55	24	31
YORK	930	20.5	651	347	304	279	165	114
ALL OTHER AREAS	114,490	12.9	109,352	56,152	53,200	5,138	2,625	2,513

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA.
** UNKNOWN RACE OF MOTHER INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE B-13
RESIDENT LIVE BIRTH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1989



NOTE: RATE PER 1,000 POPULATION, 1989. SEE TABLE B-26 FOR CORRESPONDING DATA.

TABLE B-27
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1989

MUNICIPALITY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
STATE TOTAL	168,108	406	18,621	41,201	54,352	39,101	12,681	1,673	51	22
ALLENTOWN	1,827	5	263	526	562	351	104	16	0	0
ALTOONA	662	0	102	213	188	124	33	2	0	0
BETHEL PARK	455	0	11	39	153	191	53	8	0	0
BETHLEHEM	978	4	126	236	307	207	85	13	0	0
CHESTER	1,134	12	276	373	261	159	47	4	1	1
EASTON	496	0	76	152	160	78	27	3	0	0
ERIE	2,189	9	378	592	619	427	145	19	0	0
HARRISBURG	1,265	13	298	404	341	152	54	3	0	0
HAZLETON	300	0	30	94	92	66	14	3	1	0
JOHNSTOWN	358	1	74	130	74	55	22	2	0	0
LANCASTER	1,240	4	278	401	306	187	60	3	1	0
LEBANON	453	2	79	150	126	78	16	2	0	0
MCKEESPORT	370	1	69	123	95	64	14	4	0	0
MONROEVILLE	355	0	20	49	122	124	35	5	0	0
NEW CASTLE	401	0	60	148	99	72	17	4	1	0
NORRISTOWN	682	4	88	190	232	131	30	7	0	0
PHILADELPHIA	29,242	188	5,064	8,393	8,306	5,244	1,778	254	10	5
PITTSBURGH	5,316	38	824	1,364	1,539	1,087	416	46	1	1
PLUM	370	0	15	55	153	113	31	3	0	0
READING	1,662	7	370	574	437	207	58	8	1	0
SCRANTON	1,080	3	110	287	361	245	62	12	0	0
SHARON	247	0	37	79	75	42	14	0	0	0
STATE COLLEGE	197	0	7	36	68	58	28	0	0	0
WEST MIFFLIN	246	1	22	50	84	72	16	1	0	0
WILKES BARRE	577	0	77	143	193	127	33	4	0	0
WILLIAMSPORT	586	0	89	188	171	106	30	2	0	0
YORK	930	5	201	329	242	115	32	6	0	0
ALL OTHER AREAS	114,490	109	9,577	25,883	38,986	29,219	9,427	1,239	35	15

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-28
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
MUNICIPALITY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	168,108	2,308	1.4	9,623	5.7	88,007	52.4	64,975	38.7	3,019	1.8	176	0.1
ALLENTOWN	1,827	28	1.5	112	6.1	1,041	57.0	613	33.6	31	1.7	2	0.1
ALTOONA	662	5	0.8	28	4.2	345	52.1	272	41.1	12	1.8	0	-
BETHEL PARK	455	3	0.7	20	4.4	216	47.5	202	44.4	11	2.4	3	0.7
BETHLEHEM	978	12	1.2	56	5.7	508	51.9	385	39.4	17	1.7	0	-
CHESTER	1,134	23	2.0	94	8.3	709	62.5	294	25.9	14	1.2	0	-
EASTON	496	9	1.8	23	4.6	254	51.2	202	40.7	6	1.2	2	0.4
ERIE	2,189	33	1.5	153	7.0	1,221	55.8	756	34.5	25	1.1	1	0.0
HARRISBURG	1,265	30	2.4	105	8.3	746	59.0	371	29.3	11	0.9	2	0.2
HAZLETON	300	7	2.3	21	7.0	169	56.3	98	32.7	5	1.7	0	-
JOHNSTOWN	358	4	1.1	38	10.6	187	52.2	121	33.8	7	2.0	1	0.3
LANCASTER	1,240	20	1.6	97	7.8	694	56.0	411	33.1	17	1.4	1	0.1
LEBANON	453	6	1.3	25	5.5	239	52.8	173	38.2	10	2.2	0	-
MCKEESPORT	370	10	2.7	30	8.1	206	55.7	120	32.4	3	0.8	1	0.3
MONROEVILLE	355	1	0.3	20	5.6	170	47.9	157	44.2	6	1.7	1	0.3
NEW CASTLE	401	7	1.7	23	5.7	215	53.6	152	37.9	4	1.0	0	-
NORRISTOWN	682	8	1.2	63	9.2	355	52.1	240	35.2	14	2.1	2	0.3
PHILADELPHIA	29,242	772	2.6	2,671	9.1	16,984	58.1	8,408	28.8	383	1.3	24	0.1
PITTSBURGH	5,316	121	2.3	415	7.8	2,981	56.1	1,703	32.0	72	1.4	24	0.5
PLUM	370	3	0.8	21	5.7	165	44.6	171	46.2	8	2.2	2	0.5
READING	1,662	26	1.6	116	7.0	888	53.4	605	36.4	27	1.6	0	-
SCRANTON	1,080	10	0.9	54	5.0	631	58.4	375	34.7	10	0.9	0	-
SHARON	247	0	-	16	6.5	148	59.9	79	32.0	4	1.6	0	-
STATE COLLEGE	197	1	0.5	5	2.5	114	57.9	75	38.1	2	1.0	0	-
WEST MIFFLIN	246	2	0.8	19	7.7	141	57.3	82	33.3	1	0.4	1	0.4
WILKES BARRE	577	4	0.7	26	4.5	309	53.6	228	39.5	10	1.7	0	-
WILLIAMSPORT	586	7	1.2	27	4.6	307	52.4	233	39.8	12	2.0	0	-
YORK	930	19	2.0	77	8.3	518	55.7	302	32.5	13	1.4	1	0.1
ALL OTHER AREAS	114,490	1,137	1.0	5,268	4.6	57,546	50.3	48,147	42.1	2,284	2.0	108	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-29
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		HIGHEST GRADE COMPLETED											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
MUNICIPALITY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	168,108	4,554	2.7	23,176	13.8	76,872	45.7	29,779	17.7	31,691	18.9	2,036	1.2
ALLENTOWN	1,827	70	3.8	372	20.4	805	44.1	305	16.7	259	14.2	16	0.9
ALTOONA	662	6	0.9	120	18.1	382	57.7	92	13.9	60	9.1	2	0.3
BETHEL PARK	455	0	-	9	2.0	144	31.6	95	20.9	204	44.8	3	0.7
BETHLEHEM	978	33	3.4	186	19.0	375	38.3	165	16.9	216	22.1	3	0.3
CHESTER	1,134	61	5.4	273	24.1	577	50.9	146	12.9	56	4.9	21	1.9
EASTON	496	18	3.6	101	20.4	224	45.2	74	14.9	69	13.9	10	2.0
ERIE	2,189	55	2.5	441	20.1	1,024	46.8	331	15.1	300	13.7	38	1.7
HARRISBURG	1,265	67	5.3	391	30.9	519	41.0	173	13.7	103	8.1	12	0.9
HAZLETON	300	7	2.3	29	9.7	171	57.0	62	20.7	31	10.3	0	-
JOHNSTOWN	358	11	3.1	81	22.6	203	56.7	44	12.3	19	5.3	0	-
LANCASTER	1,240	76	6.1	437	35.2	497	40.1	103	8.3	111	9.0	16	1.3
LEBANON	453	6	1.3	104	23.0	261	57.6	50	11.0	32	7.1	0	-
MCKEESPORT	370	9	2.4	88	23.8	190	51.4	60	16.2	23	6.2	0	-
MONROEVILLE	355	3	0.8	15	4.2	106	29.9	94	26.5	128	36.1	9	2.5
NEW CASTLE	401	11	2.7	90	22.4	214	53.4	51	12.7	30	7.5	5	1.2
NORRISTOWN	682	7	1.0	132	19.4	333	48.8	131	19.2	76	11.1	3	0.4
PHILADELPHIA	29,242	921	3.1	6,894	23.6	12,571	43.0	4,433	15.2	3,463	11.8	960	3.3
PITTSBURGH	5,316	99	1.9	913	17.2	2,389	44.9	878	16.5	913	17.2	124	2.3
PLUM	370	3	0.8	9	2.4	161	43.5	83	22.4	110	29.7	4	1.1
READING	1,662	120	7.2	528	31.8	722	43.4	190	11.4	95	5.7	7	0.4
SCRANTON	1,080	21	1.9	177	16.4	489	45.3	203	18.8	190	17.6	0	-
SHARON	247	2	0.8	50	20.2	128	51.8	44	17.8	22	8.9	1	0.4
STATE COLLEGE	197	1	0.5	4	2.0	19	9.6	41	20.8	131	66.5	1	0.5
WEST MIFFLIN	246	1	0.4	18	7.3	136	55.3	59	24.0	29	11.8	3	1.2
WILKES BARRE	577	11	1.9	99	17.2	280	48.5	116	20.1	71	12.3	0	-
WILLIAMSPORT	586	23	3.9	137	23.4	246	42.0	111	18.9	69	11.8	0	-
YORK	930	44	4.7	278	29.9	458	49.2	93	10.0	54	5.8	3	0.3
ALL OTHER AREAS	114,490	2,868	2.5	11,200	9.8	53,248	46.5	21,552	18.8	24,827	21.7	795	0.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-30
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1989

		MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
MUNICIPALITY	TOTAL BIRTHS	NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
STATE TOTAL	168,108	120,523	71.7	3,949	3.3	116,563	96.7	46,905	27.9	15,017	32.0	31,878	68.0
ALLENTOWN	1,827	1,155	63.2	50	4.3	1,105	95.7	669	36.6	217	32.4	452	67.6
ALTOONA	662	453	68.4	30	6.6	423	93.4	208	31.4	72	34.6	136	65.4
BETHEL PARK	455	434	95.4	5	1.2	429	98.8	21	4.6	6	28.6	15	71.4
BETHLEHEM	978	695	71.1	21	3.0	674	97.0	282	28.8	109	38.7	173	61.3
CHESTER	1,134	327	28.8	13	4.0	314	96.0	807	71.2	275	34.1	531	65.8
EASTON	496	323	65.1	13	4.0	310	96.0	170	34.3	63	37.1	107	62.9
ERIE	2,189	1,288	58.8	63	4.9	1,225	95.1	899	41.1	324	36.0	575	64.0
HARRISBURG	1,265	427	33.8	24	5.6	403	94.4	835	66.0	287	34.4	548	65.6
HAZLETON	300	225	75.0	14	6.2	211	93.8	75	25.0	16	21.3	59	78.7
JOHNSTOWN	358	208	58.1	22	10.6	186	89.4	149	41.6	53	35.6	96	64.4
LANCASTER	1,240	592	47.7	39	6.6	553	93.4	646	52.1	243	37.6	403	62.4
LEBANON	453	268	59.2	18	6.7	250	93.3	185	40.8	63	34.1	122	65.9
MCKEESPORT	370	188	50.8	6	3.2	182	96.8	182	49.2	64	35.2	118	64.8
MONROEVILLE	355	312	87.9	6	1.9	306	98.1	43	12.1	14	32.6	29	67.4
NEW CASTLE	401	238	59.4	18	7.6	220	92.4	138	34.4	40	29.0	98	71.0
NORRISTOWN	682	392	57.5	14	3.6	378	96.4	290	42.5	78	26.9	212	73.1
PHILADELPHIA	29,242	12,662	43.3	334	2.6	12,327	97.4	16,567	56.7	4,918	29.7	11,645	70.3
PITTSBURGH	5,316	2,702	50.8	80	3.0	2,622	97.0	2,609	49.1	781	29.9	1,827	70.0
PLUM	370	336	90.8	3	0.9	333	99.1	34	9.2	12	35.3	22	64.7
READING	1,662	771	46.4	77	10.0	694	90.0	891	53.6	300	33.7	591	66.3
SCRANTON	1,080	812	75.2	33	4.1	779	95.9	268	24.8	80	29.9	188	70.1
SHARON	247	156	63.2	10	6.4	146	93.6	84	34.0	27	32.1	57	67.9
STATE COLLEGE	197	178	90.4	2	1.1	176	98.9	19	9.6	5	26.3	14	73.7
WEST MIFFLIN	246	186	75.6	5	2.7	181	97.3	60	24.4	18	30.0	42	70.0
WILKES BARRE	577	380	65.9	11	2.9	369	97.1	197	34.1	66	33.5	131	66.5
WILLIAMSPORT	586	365	62.3	23	6.3	342	93.7	220	37.5	66	30.0	154	70.0
YORK	930	408	43.9	33	8.1	375	91.9	521	56.0	173	33.2	348	66.8
ALL OTHER AREAS	114,490	94,042	82.1	2,982	3.2	91,050	96.8	19,836	17.3	6,647	33.5	13,185	66.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH SPECIFIED AREA..

*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH SPECIFIED AREA.

NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS. UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS. SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-31
RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1989

		TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
MUNICIPALITY	TOTAL BIRTHS	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	168,108	130,176	77.4	25,022	14.9	6,165	3.7	3,382	2.0	3,363	2.0
ALLENTOWN	1,827	1,437	78.7	264	14.4	77	4.2	19	1.0	30	1.6
ALTOONA	662	541	81.7	95	14.4	15	2.3	4	0.6	7	1.1
BETHEL PARK	455	441	96.9	12	2.6	0	-	2	0.4	0	-
BETHLEHEM	978	812	83.0	133	13.6	22	2.2	1	0.1	10	1.0
CHESTER	1,134	702	61.9	271	23.9	87	7.7	29	2.6	45	4.0
EASTON	496	387	78.0	79	15.9	10	2.0	9	1.8	11	2.2
ERIE	2,189	1,733	79.2	295	13.5	80	3.7	50	2.3	31	1.4
HARRISBURG	1,265	659	52.1	386	30.5	143	11	41	3.2	36	2.8
HAZLETON	300	242	80.7	46	15.3	7	2.3	2	0.7	3	1.0
JOHNSTOWN	358	247	69.0	87	24.3	18	5.0	3	0.8	3	0.8
LANCASTER	1,240	934	75.3	223	18.0	40	3.2	35	2.8	8	0.6
LEBANON	453	302	66.7	115	25.4	26	5.7	1	0.2	9	2.0
MCKEESPORT	370	246	66.5	83	22.4	28	7.6	2	0.5	11	3.0
MONROEVILLE	355	314	88.5	18	5.1	10	2.8	10	2.8	3	0.8
NEW CASTLE	401	328	81.8	48	12.0	11	2.7	7	1.7	7	1.7
NORRISTOWN	682	457	67.0	130	19.1	48	7.0	22	3.2	25	3.7
PHILADELPHIA	29,242	17,007	58.2	6,169	21.1	2,122	7.3	1,851	6.3	2,093	7.2
PITTSBURGH	5,316	4,014	75.5	841	15.8	183	3.4	129	2.4	149	2.8
PLUM	370	336	90.8	23	6.2	3	0.8	8	2.2	0	-
READING	1,662	958	57.6	445	26.8	146	8.8	48	2.9	65	3.9
SCRANTON	1,080	868	80.4	162	15.0	24	2.2	1	0.1	25	2.3
SHARON	247	185	74.9	46	18.6	13	5.3	1	0.4	2	0.8
STATE COLLEGE	197	153	77.7	28	14.2	13	6.6	0	-	3	1.5
WEST MIFFLIN	246	207	84.1	25	10.2	7	2.8	3	1.2	4	1.6
WILKES BARRE	577	483	83.7	72	12.5	17	2.9	2	0.3	3	0.5
WILLIAMSPORT	586	415	70.8	139	23.7	28	4.8	0	-	4	0.7
YORK	930	633	68.1	217	23.3	51	5.5	4	0.4	25	2.7
ALL OTHER AREAS	114,490	95,135	83.1	14,570	12.7	2,936	2.6	1,098	1.0	751	0.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

M O R T A L I T Y

1989 MORTALITY STATISTICS -- Data Highlights

THE STATE:

Total Deaths

During 1989, a total of 122,956 Pennsylvania residents died, a decrease of 2,381 or 1.9 percent from 1988. This figure is the lowest annual number of deaths since 1984. The 1989 crude death rate per 1,000 population was 10.2, down from the rate of 10.4 that occurred in 1988 and the same rate that occurred in 1983 and 1984. Only minor fluctuations have occurred in the death rate over the past 40 years. Historically, Pennsylvania's total crude death rates have been higher than those for the United States.

Deaths by Age, Sex and Race

The median age at death in 1989 for Pennsylvanians was 75.5. This figure has risen gradually over the years from 68.7 in 1960, 70.9 in 1970, 72.8 in 1980 and 74.3 in 1985. The median age at death for females in 1989 was 78.7 -- 6.4 years higher than the median age at death for males (72.3).

Even though the total (all ages) crude death rates have changed only slightly since 1950, the age-specific death rates for the youngest five-year age group (under 5) and for the five-year age groups of those 50 years of age through 85 and older have decreased dramatically over the years since 1950. The death rates for the other age groups have changed only slightly or experienced decreases that were not as dramatic as for the previously mentioned age groups.

In 1989, 90.0 percent of all deaths were to white residents. Almost 54 percent of the white residents who died in 1989 were 75 years of age or older while less than one-third (32.3 percent) of the deaths to residents of races other than white were from that same age group. This is a reflection of the rather large difference (8.9 years) in the median age at death in 1989 between the two racial groups -- 76.2 for whites compared to 67.3 for all other races. This difference in median age at death between the two races narrowed between 1960 and 1985, from a difference of 11.6 years in 1960 (a median age at death of 70.1 for whites; 58.5, for nonwhites) to 8.0 years by 1985 (a median age of 75.2 for whites and 67.2 for nonwhites). However, this difference has increased since 1985 to 8.9 years in 1989. In addition, the median age at death for nonwhites in 1989 (67.3) was lower than the 67.6 recorded in 1988 and was the lowest median age at death for nonwhites since 1985. In contrast, the median age at death for whites has consistently increased since 1960.

The 1989 resident male death rate of 10.7 per 1,000 male population also occurred among white males. The death rate in 1989 among males of races other than white was 11.2, only slightly higher than that for whites. However, in comparing age-specific male death rates between the two racial groups, the rates for nonwhite males were higher than those for white males in all age groups except for the two oldest age groups, 80-84 and 85 and older. The median age at death for white males in 1989 was 73.0; for males of all other races, it was 63.7. This represents a difference of 9.3 years in the median ages (at death) of males for the two racial groups. As recently as 1985, the median age at death for white males was 72.1 and, for nonwhite males, 64.7 -- a difference of 7.4 years. This age difference among white males and nonwhite males has increased by 25.7 percent since 1985. In addition, the median age at death among nonwhite males has decreased since 1985.

Deaths by Age, Sex and Race (Continued)

In contrast to the males, the crude death rate for white females (9.9) was higher than the rate for females of races other than white (8.5). Yet, for the age-specific rates among the females, a pattern similar to that among the males was evident between the racial groups. Age-specific death rates for white females were not consistently higher than for females of other races until ages 80 and over. The median age at death for white females in 1989 was 79.3; for females of all other races, it was 71.1. This represents a difference of 8.2 years in the median ages (at death) of females for the two racial groups -- almost as large as the difference between the males' median ages at death. In 1985, the median age at death for white females was 78.5 and, for nonwhite females, 70.6 -- a difference of 7.9 years, similar to the 1989 difference. However, the 1989 median age at death for nonwhite females of 71.1 was a decrease from the 71.6 recorded in 1988.

Age-Adjusted Death Rates by Sex and Race

One explanation often used for Pennsylvania's consistently higher crude death rates is that Pennsylvania has one of the oldest populations among the fifty states. To take that into account, age-adjusted death rates by sex and race were computed for the state back to 1950. In comparing these special United States and Pennsylvania death rates that have been adjusted for differences in the ages of the populations being studied, we find that most Pennsylvanians have experienced similar or only slightly higher mortality rates than the United States as a whole. The gap between the Pennsylvania and United States rates has narrowed over the years. In 1950, the age-adjusted death rate for the state was 6.0 percent higher than the same rate for the United States. By 1975, Pennsylvania's rate was 3.2 percent higher and, by 1989, only 1.9 percent higher.

In reviewing the 1989 age-adjusted death rates by sex, the rate for males was 75 percent higher than the rate for females. Since 1950, the rates for males have been higher. However, in 1950, the male rate was 40.0 percent higher than the female rate and the percentage difference between these rates continued to increase until the 1970's. Since then, the percentage difference has remained at approximately 75 percent.

Age-adjusted death rates by race for Pennsylvania and the United States showed that while the rates among whites in Pennsylvania have been similar to the United States rates for whites, the Pennsylvania rates for races other than white have been higher than the comparable United States rates. In 1989, the age-adjusted death rate for whites in both Pennsylvania and the United States was 5.0 per 1,000 population. Among races other than white, the figure was 8.0 for Pennsylvania and 6.7 for the United States. The state's 1989 age-adjusted death rate among races other than white was 60.0 percent higher than the rate for whites. In comparison, the United States rate among races other than white in 1989 was 34.0 percent higher than the rate for whites.

Infant Deaths

The annual number of resident infant deaths for Pennsylvania increased by 5.0 percent, from 1,615 in 1988 to 1,696 in 1989. The corresponding infant death rate also increased to 10.1 per 1,000 live births in 1989, compared to the record low 9.8 for 1988. The 1989 infant death number was the highest annual figure since 1985. However, although the 1989 infant death rate registered an increase from 1988, it was still the second lowest rate ever recorded.

In 1989, 69.0 percent of the infant deaths occurred during the neonatal period (the first 27 days of life) and the remaining 31.0 percent during the postneonatal period (28-364 days). From 1950 to 1988, Pennsylvania's resident infant and neonatal death rates have been similar to those for the United States with significant decreases since 1950 but fewer and smaller declines in the last several years. However, in 1989, while United States provisional figures showed a continued decline in the rate of infant deaths, the Pennsylvania rate increased.

Infant Deaths by Race

When broken down by race, the resident infant death rate for whites declined slightly from 7.9 in 1988 to 7.8 in 1989. However, the number and rate of neonatal deaths among whites increased in 1989, compared to 1988, while the number and rate of postneonatal white infant deaths decreased. The number of infant deaths among races other than white in 1989 (597) was the highest recorded since 1972. The infant death rate for this group increased from 19.9 in 1988 to 21.5 in 1989, its third highest rate since 1980. The neonatal death rate among nonwhites in 1989 also increased, from 13.1 in 1988 to 14.0 in 1989. In addition, the number and rate of postneonatal deaths to infants of races other than white in 1989 were the highest recorded between 1980 and 1989. The 1989 infant, neonatal and postneonatal death rates among races other than white were approximately three times as high as those for whites. Historical data for the years 1980 to 1988 show that this gap between the two races has increased.

Leading Causes of Death

The leading cause of death to Pennsylvania residents continued to be heart disease, which accounted for 44,784 or 36.4 percent of all deaths. The 1989 figure is a decrease of 3,026 deaths from the 47,810 recorded in 1988 and is the lowest annual number of deaths due to heart disease since 1954. However, there was an increase in the number of resident deaths in 1989 due to malignant neoplasms or cancer, compared to 1988. There were 29,064 cancer deaths in 1989, compared to 28,316 in 1988. The 1989 figure is the largest annual number of cancer deaths ever recorded in Pennsylvania. Cancer remained, by far, the second most frequent cause of death to residents of the state, being responsible for almost 24 percent of all deaths in 1989. The ranking of the three most frequent causes of death -- heart disease, malignant neoplasms (cancer), and cerebrovascular disease (stroke) -- has remained the same since 1945. Together, these three causes accounted for almost two-thirds (66.3 percent) of all the deaths in 1989. However, cancer's percentage share of deaths has consistently increased since 1950 while the figures for the other two causes have declined.

Deaths due to chronic obstructive pulmonary disease were the fourth leading cause of death in 1989. Chronic obstructive pulmonary disease is a relatively new category that includes bronchitis, emphysema, asthma and allied conditions. The National Center for Health Statistics and state health agencies have been listing this category since the latest revision of the International Classification of Diseases took effect in 1979. Since the late 1970's, medical certifiers have been using the term, chronic obstructive pulmonary disease, on certificates instead of a more specific diagnosis. And, for comparison with mortality statistics reported by other states and the United States, this new category was first introduced in the 1982 report of *Pennsylvania Vital Statistics*. Chronic obstructive pulmonary disease was the fourth leading cause of death only once before, in 1986. In most of the recent years, this cause of death ranked fifth. In 1989, it accounted for 3.7 percent of all deaths, compared to 3.4 in 1988, 1987 and 1986. Deaths due to unintentional injuries ranked fifth in 1989, with 4,365 resident deaths reported.

Among the causes ranked sixth through tenth, there was only one change in the order from the 1988 list. Suicide and nephritis/nephrosis exchanged places, with suicide moving up to ninth leading cause and nephritis/nephrosis moving down to tenth. This was the second consecutive decrease in the annual number of deaths due to nephritis/nephrosis. The number of deaths due to nephritis/nephrosis had been rising between 1978 and 1987. The number of deaths due to septicemia (the eighth leading cause of death in 1989) was a decrease of 230 from 1988 but was still more than double the 1980 figure. 1989 was the first year of a decrease in the number of septicemia deaths since 1979. Deaths due to atherosclerosis, perinatal conditions, congenital anomalies, tuberculosis and syphilis have decreased significantly over the years 1940-1989.

Median Age at Death for Leading Causes

Residents of Pennsylvania who died from homicides and unintentional injuries involving motor vehicles in 1989 had the lowest median age at death among the 18 leading causes, 29.3 and 32.0, respectively. This was also true for white males but, for nonwhite males, homicide and suicide had the lowest median ages. Among females of both races, the lowest median age at death was for HIV infection (31.7 for whites, 29.5 for nonwhites), followed by homicide. Other causes with somewhat lower median ages at death included suicide (41.5), liver disease/cirrhosis (63.7) and unintended injuries, not involving motor vehicles (65.7). The highest median ages at death occurred for atherosclerosis (85.4) and pneumonia/influenza (83.6). This was true of both white males and females. However, for nonwhite males and females, septicemia deaths replaced pneumonia/influenza as having the second highest median age.

The largest difference in median ages between the sexes occurred for deaths due to unintentional injuries, especially non-motor vehicle (49.8 for males, 77.7 for females). However, the age/sex difference for deaths due to unintentional injuries was somewhat less evident among races other than white. There were no other large sex differences in median ages at death for the selected causes among the two racial groups.

Cause-Specific Death Rates

Cause-specific death rates for 1989 displayed the prominence of heart disease and malignant neoplasms among the leading causes, with rates of 372.0 and 241.4, respectively, per 100,000 population. While the 1989 heart disease death rate was lower than the 398.3 reported in 1988 and the lowest rate recorded since 1947, the 1989 cancer death rate of 241.4 was the highest ever recorded for the state. The third highest cause-specific death rate in 1989 was 63.8 for cerebrovascular disease. The death rate for this disease has been on a steady decline since the mid-1970's. 1989 is only the third year that data on deaths due to HIV (Human Immunodeficiency Virus) infection have become available via the certificate of death. Among the 34 major causes listed, HIV Infection placed sixteenth, with 651 deaths and a rate of 5.4 per 100,000 population. This cause of death has risen steadily since 1987 -- HIV infection placed twenty-first among leading causes of death in 1987 with a rate of 3.1 and was in eighteenth place with a rate of 3.9 in 1988.

Leading Causes of Death by Age

For children under 5 years of age, deaths in 1989 were due mainly to perinatal/early infancy conditions (45.8 percent), congenital anomalies/birth defects (19.2 percent) and unintentional injuries (6.0 percent).

Persons 5-24 years of age had both the lowest number and the lowest death rate among the age groups listed. Unintentional injuries caused almost half of all these deaths. Motor vehicle collisions alone accounted for 34.6 percent of the deaths, homicide for 13.5 percent, suicide for 11.9 percent and malignant neoplasms for 6.2 percent.

Over 20 percent of the deaths to persons 25-44 years of age were from unintended injuries; 16.8 percent were from malignant neoplasms; 12.4 percent were from heart disease and 10.1 percent from suicide. Also, 8.4 percent of the deaths to this age group were due to HIV infection in 1989, making it the fifth leading cause of death among 25 to 44 year-olds in Pennsylvania that year, up from 5.9 percent in 1988.

For the age group 45-64, the leading causes of death were malignant neoplasms and heart disease. Together they accounted for over 68 percent of these deaths. Cerebrovascular disease was a distant third at 3.5 percent.

Heart disease accounted for over 38 percent of the deaths to residents 65-84 years of age, malignant neoplasms for 26.3 percent and cerebrovascular disease for 6.4 percent.

For the age group 85 and over, 45.7 percent of the deaths were from heart disease compared to 11.2 percent from malignant neoplasms, 9.5 percent from cerebrovascular disease and 6.7 percent from pneumonia/influenza.

Leading Causes of Death by Sex

In 1989, 1,351 males died as a result of motor vehicle collisions, compared to 589 females. Other causes with significant sex differences included suicide (1,170 males versus 269 females), HIV infection (592 males and 59 females), homicide (583 males and 199 females) and pneumoconiosis (439 males and 6 females). There were no female-dominated causes with such dramatic sex difference, although females did outnumber males in causes such as cerebrovascular disease, diabetes mellitus, septicemia and atherosclerosis. It is interesting to note that most of the causes dominated by males were external causes of injury and poisoning, with the exceptions of pneumoconiosis which is an occupational disease and HIV infection which is a disease predominantly transmitted among homosexual men. However, the female-dominated causes were all chronic diseases mainly associated with the elderly. The number of male deaths outnumbered female deaths in all the age groups except the oldest, 85+. In fact, the number of male deaths under 45 years of age was more than twice the number of female deaths for those ages in 1989. Cause-specific death rates by sex displayed similar patterns.

Leading Causes of Death by Race

During 1989, 37.4 percent of the deaths among whites were due to heart disease, compared to 27.5 percent for all other races. The proportions dying from malignant neoplasms and cerebrovascular disease were similar for both whites and other races. Homicide and perinatal conditions appeared in the top ten leading causes for races other than white but not for whites. Instead, nephritis/nephrosis and suicide appeared in the top ten leading causes of death among whites. For races other than white aged 5-44, the leading cause of death in 1989 was homicide; for whites of these ages, homicide placed sixth, with the leading cause being unintentional injuries. For the age group 45-64, suicide and septicemia appeared among the top ten for whites; among all other races, suicide and septicemia were not among the top ten but homicide and HIV infection were. HIV infection also appeared in the top ten causes of death for whites in the age groups under 5, 5-24 and 25-44. Among races other than white, it appeared in the top ten for those same age groups in addition to the 45-64 age group.

Age-Adjusted Death Rates for Leading Causes

In comparing age-adjusted death rates for 16 selected major causes of death for Pennsylvania and the United States in 1989, Pennsylvania's rates for heart disease, malignant neoplasms, diabetes, septicemia and nephritis/nephrosis were higher than the United States rates but lower for all other causes, especially for unintentional injuries, homicide and HIV infection. The 1989 Pennsylvania age-adjusted death rates were lower than comparable average annual (1985-89) age-adjusted death rates for 8 out of the 16 major causes -- heart disease, cerebrovascular disease, unintentional injuries, septicemia, suicide, nephritis/nephrosis, atherosclerosis and pneumoconiosis.

Causes of Death by Type

Infectious and Parasitic Diseases - These deaths occurred at a rate of 23.3 per 100,000 population in 1989, compared to 10.3 in 1980 which was less than half the 1989 rate. Septicemia was the underlying cause of death for 59.3 percent of these deaths. HIV infection accounted for over 23 percent, compared to 14.3 percent in 1987.

Malignant Neoplasms - The number of resident deaths from cancer increased from 28,316 in 1988 to 29,064 in 1989. Over 56 percent of the cancer deaths in 1989 were due to malignant neoplasms of five sites: trachea, bronchus and lung (25.8 percent), colon (10.7 percent), female breast (9.0 percent), prostate (5.9 percent) and pancreas (4.9 percent). The death rate for malignant neoplasms (241.4 per 100,000 population) was the highest annual rate ever recorded in Pennsylvania. The second highest was the 1987 rate of 241.0.

Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders - Of the 4,321 deaths due to these diseases and immunity disorders in 1989, almost 77 percent were from diabetes mellitus. The 1989 death rate for diabetes was 27.5 per 100,000 population, compared to 21.8 in 1988.

Causes of Death by Type (Continued)

Diseases of the Nervous System and Sense Organs - Hereditary and degenerative diseases of the central nervous system, including Tay-Sachs disease among children and Parkinson's disease among the elderly, accounted for two-thirds (66.6 percent) of the deaths in this category. Other disorders of the central nervous system, including multiple sclerosis, infantile cerebral palsy and epilepsy, made up the other major subdivision, accounting for almost 25 percent of the 2,100 deaths in 1989. In 1988, 1,887 resident deaths were recorded for these diseases.

Circulatory System - The number of deaths due to these diseases decreased from 58,907 in 1988 to 55,468 in 1989 -- a decline of 5.8 percent. Almost 54 percent of these deaths in 1989 were the result of ischemic heart disease, including 16,538 deaths due to acute myocardial infarction. Another category, cerebrovascular disease, accounted for 7,683 deaths or 13.9 percent. Other major categories included cardiac dysrhythmias (2,716 deaths, compared to 5,486 in 1988), diseases of the arteries, arterioles and capillaries (2,332 deaths) and hypertensive diseases (1,501 deaths).

Respiratory System - Of the 10,300 resident deaths due to diseases of the respiratory system in 1989, 43.7 percent were due to chronic obstructive pulmonary disease which includes emphysema, asthma and bronchitis. Another 38.3 percent of the deaths were the result of pneumonia/influenza. The number of deaths due to coalworker's pneumoconiosis was 390, a decrease from the 429 deaths in 1988 and a significant decrease from the 727 deaths recorded in 1980.

Digestive System - The number of deaths due to diseases of the digestive system during 1989 in Pennsylvania was 4,251. Almost 32 percent (1,348) of these deaths were from chronic liver disease and cirrhosis. Diseases of the esophagus, stomach and duodenal which include gastric, duodenal and peptic ulcers accounted for another 10.5 percent of these deaths.

Diseases of the Genitourinary System - Of the 2,501 deaths due to diseases and disorders of the genitourinary system, over 54 percent were due to nephritis, nephrotic syndrome and nephrosis, in most cases, renal failure. In 1988, this percentage was over 61 percent.

Maternal Deaths - Resident deaths resulting from complications of pregnancy, childbirth and the puerperium numbered 13 or 0.8 per 10,000 live births in 1989, the highest number and rate since 1986 when there were 14 maternal deaths for a rate of 0.9.

External Causes of Injury and Poisoning - Of the 6,747 deaths in 1989 due to these causes, 64.7 percent or 4,365 were due to unintentional injuries. Approximately 44 percent or 1,914 of the deaths due to unintentional injuries involved motor vehicles in traffic. Other major types of deaths due to unintentional injury included falls (680 deaths), poisoning (392 deaths), submersion/suffocation (377 deaths) and fires (250 deaths). The next highest number of deaths for all external causes of death was for suicides -- 1,439 or 12.0 per 100,000 population. Homicides increased from 659 in 1988 to 777 (6.5 per 100,000 population) in 1989, the highest number (and rate) since 1980. As recently as 1985, the number and rate of homicides had been down to 581 and 4.9. Over half of the suicides and the homicides involved firearms and explosives. Only 160 resident deaths or 2.4 percent of the deaths in this category were undetermined as unintentionally or purposely inflicted.

Infant Deaths by Cause

Age at Death - The cause of death for infants varied according to the age at death. For neonatal deaths (under 28 days of age), 70.8 percent were the result of perinatal conditions and 22.0 percent were due to congenital anomalies/birth defects. For postneonatal deaths (28-364 days of age), 39.0 percent were the result of sudden infant death syndrome and 15.4 percent were due to congenital anomalies.

Congenital Anomalies - Almost 36 percent of the infant deaths in this category were due to congenital anomalies of the circulatory system. Approximately 19 percent were the result of anomalies of the respiratory system, followed by chromosomal anomalies (including Down, Patau's and Edward's Syndromes) with 13.3 percent and anomalies of the nervous system and sense organs with 8.8 percent.

Perinatal Conditions - In 1989, there were 889 infant deaths due to perinatal conditions compared to 1,194 in 1980. Over 67 percent of these types of deaths occurred among infants under 1 day of age. Respiratory distress syndrome and other respiratory conditions of the newborn were responsible for 35.5 percent of these infant deaths while disorders relating to short gestation and low birth weight accounted for 23.6 percent. Maternal complications of pregnancy (primarily, multiple pregnancy) and complications of placenta, cord and membrane were responsible for 15.9 percent of the infant deaths due to perinatal conditions in 1989.

All Other Causes - Of the 468 infant deaths due to causes other than congenital anomalies and perinatal conditions, half (227) were attributed to sudden infant death syndrome (SIDS). Over 90 percent of the infant deaths due to SIDS occurred during the postneonatal period (28-364 days of age). Figures for all other types of causes in this category were much smaller. For example, pneumonia accounted for 25 infant deaths and HIV infection for five infant deaths in 1989. External causes of injury and poisoning accounted for only 45 infant deaths in 1989. Almost 56 percent of these types of deaths were due to two causes -- submersion/suffocation and homicide. Postneonates accounted for 82.1 percent of the infant deaths due to causes other than congenital anomalies and perinatal conditions.

Fetal Deaths

NOTE: In Pennsylvania, a fetal death is required by law to be reported only if the gestational age of the fetus was more than 16 weeks. The data for fetal deaths in this report reflect this legal requirement. See the *Technical Notes* section in the back of this report for further discussion of data on fetal deaths.

The fetal death rate in 1989 was 16.3 per 1,000 deliveries (live births and fetal deaths). In 1988, the rate was 18.9 and, in 1980, 21.3. Approximately 31 percent or 871 of the 2,789 reported fetal deaths in 1989 were induced terminations of pregnancy, compared to 1,271 in 1988.

Of the 1,918 fetal deaths excluding induced terminations, 593 (30.9 percent) were due to complications of the placenta, cord and membranes; 246 (12.8 percent), to maternal complications of pregnancy; and 171 (8.9 percent), to congenital anomalies. Another 167 or 8.7 percent were the result of disorders relating to short gestation and low birth weight.

PA. and U.S. Death Rates by Type

Pennsylvania's death rates due to heart disease, malignant neoplasms and cerebrovascular disease were consistently higher throughout the period 1950-1989 as compared to the rates for the United States. Pennsylvania had the third highest median age among states in the 1980 U. S. Census. Such an older age distribution is a major factor contributing to higher rates for chronic diseases such as heart disease and cancer. Also, when comparing death rates for external causes for the same period, Pennsylvania's rates for unintentional injuries, suicides and homicides are consistently lower, especially for homicides. Comparison of the United States and Pennsylvania death rates for pneumonia and influenza indicate very similar figures over the years 1950-1989. However, since 1986, Pennsylvania's rates have been higher. For the seven major causes of death, trends over the forty year period were similar in Pennsylvania and the United States.

Leading Causes of Death by Age, Sex and Race

Heart Disease - Ischemic heart disease including acute myocardial infarction accounted for two-thirds or 66.6 percent of all heart disease deaths among Pennsylvania residents in 1989. In 1980, the corresponding percentage was 70.3. In comparing the types of heart disease deaths by sex, more males tended to die from acute myocardial infarction while more females died from other ischemic heart disease, rheumatic heart disease, and heart disease with hypertension and diseases of pulmonary circulation.

Malignant Neoplasms - The three major types of cancer deaths among Pennsylvania males in 1989 were those of the respiratory, digestive and genitourinary systems, in that order. Among females, the top three were cancers of the digestive system, the bone, tissue, skin and breast and the respiratory system. The respiratory system was the major site of cancer deaths among males aged 45 and older. For females of ages 25-54, malignant neoplasms of the bone, tissue, skin and breast were predominant and digestive system cancers were the major type in females 65 years of age and older. Leukemia was the major type of cancer death for both males and females in the age groups under 25.

In comparing the different sites involved in the cancer death rates by race, the rates were higher among whites for all but two sites -- the buccal cavity and pharynx and the respiratory system. The cancer death rates for leukemia and bone, tissue, skin and breast among whites were 74.0 percent and 54.3 percent higher, respectively, than for all other races.

Unintentional Injury - Over 44 percent of the deaths due to unintentional injury were motor vehicle-related in 1989. For ages 5 to 74, motor vehicle collision was the leading type of fatal injury. For deaths to children under 5 years of age, the most prevalent type of unintended injury was caused by fires. Among the elderly, 75 years of age and older, falls were the leading cause of unintended injury deaths, accounting for 436 or 40.0 percent of the 1,091 deaths in this age group.

In making comparisons by sex of the types of unintended injury deaths, males accounted for 64.8 percent of all these deaths. Males also represented almost 70 percent of the deaths that were motor vehicle-related as well as 74.5 percent of deaths due to unintentional poisoning. Male deaths outnumbered female deaths in every major category except for unintentional deaths due to surgical complications.

Cerebrovascular Disease - Stroke or cerebrovascular disease accounted for 7,683 resident deaths in 1989 for a rate of 63.8 per 100,000 population. This is the lowest number and rate ever recorded in Pennsylvania. The number and rate for this condition have declined significantly in recent years.

Pneumonia and Influenza - The number and rate of resident deaths due to pneumonia and influenza have been increasing through much of the 1980's. However, the number and rate (3,949 and 32.8) for 1989 were decreases from the 1988 figures. In 1988, the number (3,990) and rate (33.2) of these types of deaths had become the highest annual figures recorded since 1968.

Suicides - The 1989 suicide death rate of 12.0 per 100,000 population was the lowest recorded since 1984. Males accounted for over 81 percent of all suicide deaths recorded for Pennsylvania residents in 1989. Approximately the same percentages occurred by sex among whites and all other races. The largest number and percentage of total suicides occurred in the ten-year age group 25-34 -- 327 and 22.7 percent. This was also true for males of both races and nonwhite females. However, the age group 35-44 had the largest number of suicide deaths among white females. Even though the largest numbers of suicides usually occur among the younger age groups, the death rates for suicide are usually higher among the elderly.

Homicides - The 1989 number and rate of homicides in Pennsylvania (782 and 6.5) were the highest since 1980. Almost 75 percent of the homicides in 1989 involved males. Figures were similar among the two racial groups of whites and all others. Fifty-nine percent of the homicides in 1989 were to persons 15-34 years of age. Among whites, the age group 25-34 had the highest number of homicides; however, among all other races, the age group 15-24 had the highest figure. While nonwhites accounted for 10.0 percent of all deaths in 1989, they represented over 58 percent of all the homicide deaths in 1989.

COUNTIES:

NOTE: County by county comparisons should be made very cautiously. For example, Forest County had the highest death rate in 1989 and Centre County the lowest among the 67 counties. This is a reflection of the size and age of these populations. Forest County had one of the highest median ages (35.5) and Centre County the lowest (24.3), according to 1980 census figures. Forest County is also the least populated county in the state with a 1989 total estimated population of only 4,789. See the *Reliability of Rates* section of the *Technical Notes* in the back of this report for more discussion of small area data analysis.

Total Deaths

Average annual crude death rates by county for the five-year period of 1985-89 can provide more accurate and useful information. The state/county map of these rates demonstrates that higher death rates occurred in the northeastern and western parts of the state while relatively lower rates occurred in the southcentral part of the state.

Infant Deaths

The average annual infant death rates for 1985-89 displayed on a state map of the counties showed that the metropolitan counties containing Philadelphia, Pittsburgh, Harrisburg and Erie as well as the western part of the state had the highest rates. Average annual neonatal death rates by county demonstrated similar patterns.

Age-Adjusted Death Rates

Death rates adjusted for age can be used to obtain a more accurate description of recent mortality experiences and provide a basis for comparison. Average annual age-adjusted death rates by county for the five-year period of 1985-1989 also help to diminish the effects of artifically high or low annual incidence that can occur among the less populated counties. Average annual age-adjusted death rates by county showed Philadelphia County with the highest age-adjusted total death rate in the state at 7.2 deaths per 1,000 population. Ten counties had average annual age-adjusted death rates below 5.0 -- Montgomery (4.5), Cumberland, Lancaster and Pike (4.6 each), Northampton (4.7), Centre (4.8) and Bradford, Franklin, Lawrence and York (4.9 each). Philadelphia had the highest average annual age-adjusted death rates for males (9.9) and for females (5.3). This highest rate (5.3) for females was still lower than the lowest average annual age-adjusted death rate for males (5.8). Montgomery and Pike Counties both claimed this rate. Pike County had the lowest average annual age-adjusted female death rate of 3.4 for 1985-1989.

Average annual age-adjusted death rates for 1985-1989 for the top four leading causes of death (heart disease, cancer, stroke and unintentional injuries) by county further illustrate the different mortality patterns experienced across the state. A rural, southwestern county (Greene) had the highest average annual age-adjusted death rate for heart disease -- 229.2 per 100,000 population -- compared to Montgomery County (a suburban, southeastern county) that had the lowest such rate in the state -- 144.2. Philadelphia County (the most populated urban county in the state) had the highest average annual age-adjusted cancer death rate with 177.0 per 100,000. Juniata County (one of the state's central rural counties) had the lowest comparable rate -- 113.3.

Deaths by Race

Sixteen counties had no resident deaths in 1989 that were of a race other than white. Another ten counties had only 1 or 2 such resident deaths in 1989. Six counties (Allegheny, Chester, Dauphin, Delaware, Montgomery and Philadelphia) accounted for just over 90 percent of the resident deaths to races other than white in Pennsylvania during 1989.

Leading Causes of Death

Over 60 percent of the homicide deaths and 43.3 percent of the deaths due to HIV infection in Pennsylvania during 1989 were to residents of Philadelphia. Three counties -- Lackawanna, Luzerne and Schuylkill -- accounted for 62.5 percent of the resident deaths due to pneumoconosis.

CITIES and BOROUGHS:

Total Deaths

Of the 27 cities and boroughs examined, McKeesport had the highest resident crude death rate in 1989 -- 20.0 per 1,000 population, followed by Hazleton (17.6). Average annual death rates for 1985-89 showed McKeesport again with the highest rate, followed by Johnstown, Hazleton, Wilkes Barre, New Castle and Scranton.

Infant Deaths

McKeesport also had the highest 1989 infant and neonatal death rates. Pittsburgh had the second highest infant and neonatal death rates for 1989. Monroeville, with only one resident infant death, had the lowest 1989 infant death rate among the 27 municipalities. Sharon and State College also had only one resident infant death in 1989. In comparing the average annual (1985-89) infant and neonatal death rates for the municipalities, Pittsburgh had the highest infant death rate at 16.7 per 1,000 live births, followed by Philadelphia with a rate of 16.6 and McKeesport with 16.2. The highest average annual neonatal death rate also belonged to Pittsburgh. Sharon had the lowest average annual infant death rate and the second lowest average annual neonatal death rate. Bethel Park claimed the lowest average annual neonatal death rate in 1989.

Deaths by Race

Hazleton had no deaths to races other than white in 1989. State College had only one such death. Philadelphia and Pittsburgh accounted for just over 75 percent of all nonwhite deaths to state residents during 1989.

Leading Causes of Death

Hazleton and McKeesport had heart disease death rates that were approximately twice as high as the state rate. Among the two major types of deaths due to unintentional injuries (motor vehicle-related and other, such as falls, drownings, etc.), Easton had the highest death rate involving motor vehicle collisions and Johnstown had the highest death rate due to other unintentional injuries. Among Sharon residents, the suicide death rate was 32.9, compared to 12.0 for the state. Chester and Harrisburg had the highest homicide resident death rates with 33.3 and 33.0, respectively. Next highest was Philadelphia with 28.6. Six municipalities experienced no homicides of residents in 1989. York had the highest death rate for HIV infection, with nine resident deaths for a rate of 19.9 per 100,000 population. Harrisburg also had nine resident deaths due to HIV infection and a rate of 17.5. Philadelphia had 282 resident deaths due to HIV infection for a rate of 17.1.

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES **PAGE**

Table C-1 Resident Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania, 1950-1989 88

Table C-2 Rates for Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania and United States, 1950-1989 89

Table C-3 Resident Deaths by Age Group, Number and Rate: Pennsylvania, 1989, 1980, 1970, 1960, 1950, 1940 91

Table C-4A Resident Deaths by Age, Race, and Sex, Pennsylvania, 1989 92

Table C-4B Resident Death Rates by Age, Race, and Sex, Pennsylvania, 1989 92

Table C-5 Age-Adjusted Death Rates by Sex, Pennsylvania and United States, 1950, 1960, 1970-1989 93

Table C-6 Age-Adjusted Death Rates by Race, Pennsylvania and United States, 1950, 1960, 1970-1989 94

Table C-7A Resident Infant, Neonatal, and Postneonatal Deaths by Race, Pennsylvania, 1980-1989 96

Table C-7B Resident Infant, Neonatal, and Postneonatal Death Rates by Race, Pennsylvania, 1980-1989 96

Table C-8 Leading Causes of Death, Pennsylvania Residents, 1989, 1980, 1970, 1960, 1950, 1940 98

Table C-9 Median Age at Death for Selected Leading Causes by Race and Sex, Pennsylvania Residents, 1989 100

Table C-10A Selected Causes of Death by Age Group, Number and Rank: Pennsylvania Residents, 1989 101

Table C-10B Selected Causes of Death by Age Group - Males, Number and Rank: Pennsylvania Residents, 1989 102

Table C-10C Selected Causes of Death by Age Group - Females, Number and Rank: Pennsylvania Residents, 1989 103

Table C-10D Selected Causes of Death by Age Group - White Race, Number and Rank: Pennsylvania Residents, 1989 104

Table C-10E Selected Causes of Death by Age Group - For Races Other Than White, Number and Rank: Pennsylvania Residents, 1989 105

Table C-11A Resident Death Rates for Selected Causes of Death by Age Group, Pennsylvania, 1989 106

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) PAGE

Table C-11B Resident Death Rates for Selected Causes of Death by Age Group, Males, Pennsylvania, 1989 107

Table C-11C Resident Death Rates for Selected Causes of Death by Age Group, Females, Pennsylvania, 1989 108

Table C-11D Resident Death Rates for Selected Causes of Death by Age Group, White Race, Pennsylvania, 1989 109

Table C-11E Resident Death Rates for Selected Causes of Death by Age Group, For Races Other Than White, Pennsylvania, 1989 110

Table C-12 Age-Adjusted Death Rates for Selected Causes of Death, Pennsylvania Residents, 1989 and Average Annual, 1985-1989 and United States, 1989 111

Table C-13 Resident Deaths by Cause, Number and Rate: Pennsylvania, 1989 112

Table C-14 Resident Infant Deaths by Cause and Age at Death, Number and Rate: Pennsylvania, 1989 122

Table C-15 Resident Fetal Deaths by Cause, Number and Rate: Pennsylvania, 1989 126

Table C-16A Heart Disease Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 127

Table C-16B Resident Heart Disease Deaths by Type and Sex, Number and Percent: Pennsylvania, 1989 128

Table C-17A Malignant Neoplasm Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 129

Table C-17B Resident Malignant Neoplasm Deaths by Type and Age, Males, Pennsylvania, 1989 130

Table C-17C Resident Malignant Neoplasm Deaths by Type and Age, Females, Pennsylvania, 1989 130

Table C-17D Resident Malignant Neoplasm Deaths by Type and Race, Number and Rate: Pennsylvania, 1989 132

Table C-18A Deaths Due to Unintentional Injury, Number and Rate: Pennsylvania and United States, 1950-1989 133

Table C-18B Resident Deaths Due to Unintentional Injury by Type and Age, Pennsylvania, 1989 134

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

Table C-18C Resident Deaths Due to Unintentional Injury by Type and Sex, Number and Percent: Pennsylvania, 1989 134

Table C-19 Cerebrovascular Disease Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 136

Table C-20 Pneumonia and Influenza Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 137

Table C-21A Suicide Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 138

Table C-21B Resident Suicide Deaths by Age, Race, and Sex, Pennsylvania, 1989 139

Table C-22A Homicide Deaths, Number and Rate: Pennsylvania and United States, 1950-1989 140

Table C-22B Resident Homicide Deaths by Age, Race, and Sex, Pennsylvania, 1989 141

Table C-23 Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths by County, Number and Rate: Pennsylvania, 1989 142

Table C-24 Resident Deaths, Infant, and Neonatal Deaths by County, Number and Average Annual Rate: Pennsylvania, 1985-1989 143

Table C-25 Age-Adjusted Death Rates by Sex and County, Pennsylvania Residents, 1989 146

Table C-26 Average Annual Age-Adjusted Death Rates by Sex and County, Pennsylvania Residents, 1985-1989 147

Table C-27 Average Annual Age-Adjusted Death Rates for Selected Causes of Death by County, Pennsylvania Residents, 1985-1989 149

Table C-28 Resident Deaths by Age Group and County, Pennsylvania, 1989 150

Table C-29 Resident Deaths by Sex, Race and County, Pennsylvania, 1989 152

Table C-30 Selected Causes of Death by County, Number and Rate: Pennsylvania Residents, 1989 154

Table C-31 Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths for Selected Municipalities, Number and Rate: Pennsylvania, 1989 172

Table C-32 Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 1985-1989 174

Table C-33 Resident Deaths by Age Group and Selected Municipalities, Pennsylvania, 1989 177

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) PAGE

Table C-34 Resident Deaths by Sex and Race for Selected Municipalities, Pennsylvania, 1989 178

Table C-35 Selected Causes of Death by Selected Municipalities, Number and Rate: Pennsylvania Residents, 1989 179

MORTALITY DATA ILLUSTRATIONS PAGE

Figure C-1 Crude Death Rates, Pennsylvania and United States, 1950-1989 90

Figure C-2 Infant and Neonatal Death Rates, Pennsylvania and United States, 1950-1989 90

Figure C-3 Resident Deaths, Percent by Age Group, Pennsylvania, 1940,1950, 1960, 1970, 1980, and 1989 91

Figure C-4 Age-Adjusted Death Rates by Sex, Pennsylvania and United States, 1970-1989 93

Figure C-5 Age-Adjusted Death Rates by Race, Pennsylvania and United States, 1970-1989 94

Figure C-6 Vital Events Summary Chart, Pennsylvania Residents, 1989 95

Figure C-7A Resident Infant, Neonatal, and Postneonatal Death Rates, Pennsylvania, 1980-1989 97

Figure C-7B Resident Infant Death Rates by Race, Pennsylvania, 1980-1989 97

Figure C-8 Resident Deaths, Percent by Five Leading Causes, Pennsylvania, 1989 and 1940 99

Figure C-9 Heart Disease Death Rates, Pennsylvania and United States, 1950-1989 127

Figure C-10 Resident Heart Disease Deaths, Percent by Type, Pennsylvania, 1989 128

Figure C-11 Malignant Neoplasm Death Rates, Pennsylvania and United States, 1950-1989 129

Figure C-12 Resident Malignant Neoplasm Deaths by Sex, Percent by Type, Pennsylvania, 1989 131

Figure C-13 Resident Malignant Neoplasm Deaths, Percent by Type, Pennsylvania, 1989 132

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED)

PAGE

Figure C-14 Unintentional Injury Death Rates, Pennsylvania and United States, 1950-1989 133

Figure C-15 Resident Deaths Due to Unintentional Injury, Percent by Age Group, Pennsylvania, 1989 135

Figure C-16 Resident Deaths Due to Unintentional Injury, Percent by Type, Pennsylvania, 1989 135

Figure C-17 Cerebrovascular Disease Death Rates, Pennsylvania and United States, 1950-1989 136

Figure C-18 Pneumonia and Influenza Death Rates, Pennsylvania and United States, 1950-1989 137

Figure C-19 Suicide Death Rates, Pennsylvania and United States, 1950-1989 138

Figure C-20 Resident Suicide Deaths, Percent by Age Group, Pennsylvania, 1989 139

Figure C-21 Homicide Death Rates, Pennsylvania and United States, 1950-1989 140

Figure C-22 Resident Homicide Deaths, Percent by Age Group, Pennsylvania, 1989 141

Figure C-23 State Map: Resident Crude Death Rates by County, Pennsylvania, 1989 144

Figure C-24 State Map: Resident Average Annual Crude Death Rates by County, Pennsylvania, 1985-1989 144

Figure C-25 State Map: Resident Average Annual Infant Death Rates by County, Pennsylvania, 1985-1989 145

Figure C-26 State Map: Resident Average Annual Neonatal Death Rates by County, Pennsylvania, 1985-1989 145

Figure C-27 State Map: Age-Adjusted Death Rates by County, Pennsylvania Residents, 1989 148

Figure C-28 State Map: Average Annual Age-Adjusted Death Rates by County, Pennsylvania Residents, 1985-1989 148

Figure C-29 Resident Crude Death Rates by Selected Municipalities, Pennsylvania, 1989 173

Figure C-30 Resident Average Annual Crude Death Rates by Selected Municipalities, Pennsylvania, 1985-1989 175

Figure C-31 Resident Average Annual Infant Death Rates by Selected Municipalities, Pennsylvania, 1985-1989 176

TABLE C-1
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL,
AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1989

	TOTAL DEATHS	LIVE BIRTHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	MATERNAL DEATHS
YEAR	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1989	122,956	168,108	2,789	1,696	1,171	13
1988	125,337	165,169	3,184	1,615	1,092	8
1987	124,986	162,348	3,212	1,654	1,164	8
1986	123,852	160,336	3,026	1,628	1,084	14
1985	123,233	160,001	3,015	1,734	1,201	11
1984	121,358	156,799	3,141	1,634	1,129	12
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	19
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,882	148,004	4,349	2,276	1,746	25
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

TABLE C-2
RATES* FOR DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1989

	TOTAL DEATH RATE		LIVE BIRTH RATE		FETAL DEATH RATE		INFANT DEATH RATE		NEONATAL DEATH RATE		MATERNAL DEATH RATE	
YEAR	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1989	10.2	8.7**	14.0	16.2**	16.3	***	10.1	9.7**	7.0	6.3**	0.8	0.6**
1988	10.4	8.8	13.8	15.9	18.9	***	9.8	10.0	6.6	6.3	0.5	0.8
1987	10.5	8.7	13.6	15.7	19.4	***	10.2	10.1	7.2	6.5	0.5	0.7
1986	10.4	8.7	13.5	15.6	18.5	***	10.2	10.4	6.8	6.7	0.9	0.7
1985	10.4	8.7	13.5	15.8	18.5	***	10.8	10.6	7.5	7.0	0.7	0.8
1984	10.2	8.6	13.2	15.5	19.6	***	10.4	10.8	7.2	7.0	0.8	0.8
1983	10.2	8.6	13.3	15.5	19.9	***	11.2	11.2	7.8	7.3	0.6	0.8
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.5	13.4	15.6	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.7	12.9	15.0	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.6	13.0	15.1	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.8	12.5	14.6	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.8	12.6	14.6	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.1	12.8	14.8	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.3	12.9	14.8	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

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* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 POPULATION.
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.
** PROVISIONAL DATA.
***COMPARABLE UNITED STATES FETAL DEATH RATES ARE NOT AVAILABLE.

FIGURE C-1
CRUDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

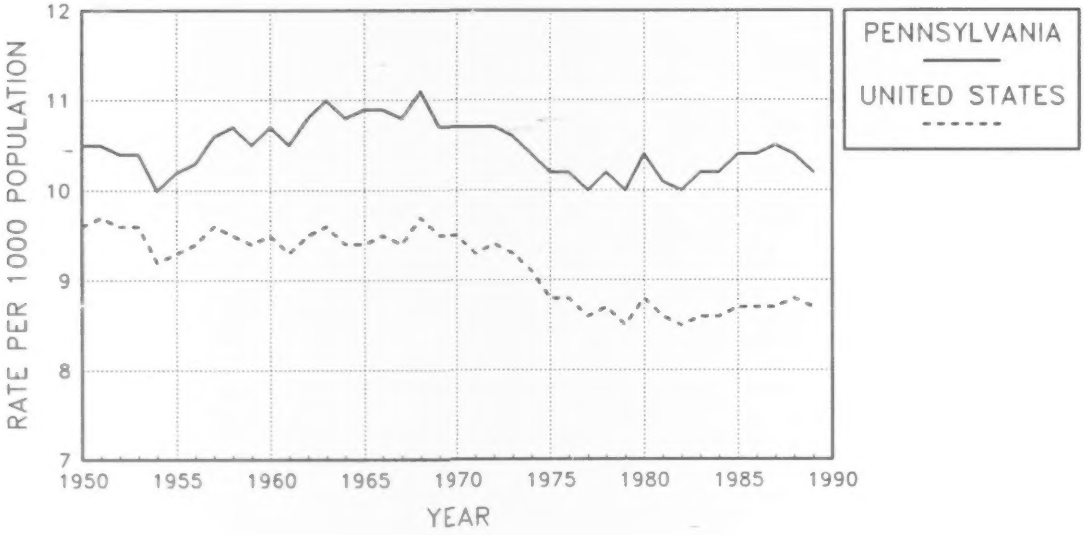

FIGURE C-2
INFANT AND NEONATAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

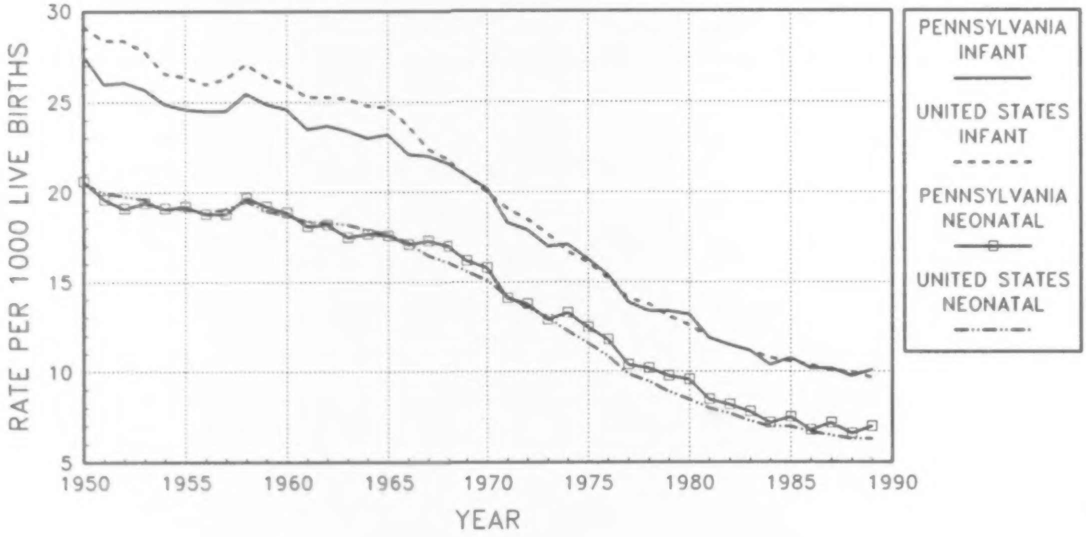

TABLE C-3
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE*: PENNSYLVANIA, 1989, 1980, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1989		1980		1970		1960		1950		1940	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	122,956	10.2	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 5	1,948	2.4	2,435	3.3	4,430	4.8	6,746	5.7	7,107	6.9	8,745	12.0
5-9	172	0.2	222	0.3	468	0.4	482	0.4	459	0.5	792	1.0
10-14	184	0.2	229	0.2	424	0.4	378	0.4	392	0.5	833	0.9
15-19	616	0.7	879	0.8	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	859	0.9	1,251	1.2	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	1,076	1.1	1,058	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	1,284	1.3	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,521	1.7	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,817	2.3	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,323	3.6	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	3,301	5.8	4,868	7.0	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	5,379	9.5	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	9,300	15.4	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0	11,150	30.3
65-69	13,354	24.5	14,379	26.8	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	16,536	37.8	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5	13,129	66.4
75-79	18,679	56.3	17,174	60.9	18,313	74.3	16,437	79.8	13,466	86.9	11,917	105.0
80-84	18,125	84.2	16,393	93.7	15,772	109.5	13,483	127.4	10,565	128.3	8,803	157.1
85+ **	26,482	110.0	22,250	171.2	15,495	169.2	12,543	206.5	8,538	217.1	6,406	260.8

* RATE PER 1,000 POPULATION IN EACH AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85+ AGE GROUP.

FIGURE C-3
RESIDENT DEATHS, PERCENT BY AGE GROUP PENNSYLVANIA, 1940, 1950, 1960, 1970, 1980, AND 1989

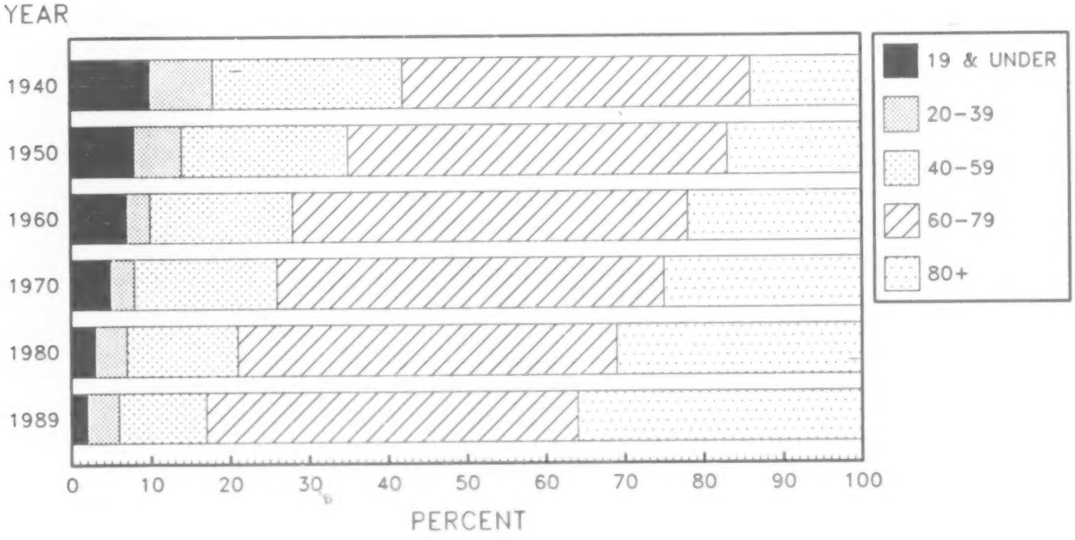

TABLE C-4A
RESIDENT DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1989

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	122,956	61,867	61,089	110,599	55,229	55,370	12,357	6,638	5,719
UNDER 5	1,948	1,113	835	1,272	726	546	676	387	289
5-9	172	107	65	140	87	53	32	20	12
10-14	184	117	67	143	90	53	41	27	14
15-19	616	460	156	491	353	138	125	107	18
20-24	859	656	203	669	502	167	190	154	36
25-29	1,076	822	254	828	633	195	248	189	59
30-34	1,284	927	357	972	701	271	312	226	86
35-39	1,521	1,071	450	1,131	795	336	390	276	114
40-44	1,817	1,185	632	1,372	896	476	445	289	156
45-49	2,323	1,460	863	1,844	1,154	690	479	306	173
50-54	3,301	2,043	1,258	2,691	1,660	1,031	610	383	227
55-59	5,379	3,297	2,082	4,540	2,815	1,725	839	482	357
60-64	9,300	5,670	3,630	8,183	5,032	3,151	1,117	638	479
65-69	13,354	7,793	5,561	11,891	7,020	4,871	1,463	773	690
70-74	16,536	9,266	7,270	15,132	8,548	6,584	1,404	718	686
75-79	18,679	9,413	9,266	17,321	8,796	8,525	1,358	617	741
80-84	18,125	7,996	10,129	16,956	7,476	9,480	1,169	520	649
85+ ***	26,482	8,471	18,011	25,023	7,945	17,078	1,459	526	933

TABLE C-4B
RESIDENT DEATH RATES BY AGE, RACE, AND SEX
PENNSYLVANIA, 1989

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	10.2	10.7	9.7	10.3	10.7	9.9	9.8	11.2	8.5
UNDER 5	2.4	2.6	2.1	1.8	2.0	1.6	5.3	6.0	4.6
5-9	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.2
10-14	0.2	0.3	0.2	0.2	0.3	0.2	0.4	0.6	0.3
15-19	0.7	1.0	0.4	0.6	0.9	0.4	1.2	2.1	0.3
20-24	0.9	1.4	0.4	0.8	1.2	0.4	1.7	2.7	0.6
25-29	1.1	1.7	0.5	1.0	1.5	0.5	2.1	3.3	1.0
30-34	1.3	1.9	0.7	1.1	1.6	0.6	2.9	4.5	1.5
35-39	1.7	2.4	1.0	1.4	2.0	0.8	4.3	6.7	2.3
40-44	2.3	3.0	1.5	1.9	2.5	1.3	5.7	8.2	3.6
45-49	3.6	4.7	2.5	3.1	4.0	2.3	7.8	11.6	4.9
50-54	5.8	7.6	4.2	5.2	6.7	3.8	11.6	17.2	7.5
55-59	9.5	12.5	6.9	8.8	11.6	6.3	17.1	23.6	12.5
60-64	15.4	20.7	11.0	14.7	19.7	10.5	23.9	33.4	17.3
65-69	24.5	33.0	18.0	23.5	31.9	17.1	37.0	48.9	29.1
70-74	37.8	52.3	27.9	37.0	51.5	27.2	48.7	65.1	38.5
75-79	56.3	74.8	45.0	55.9	74.5	44.5	62.0	79.0	52.6
80-84	84.2	106.5	72.3	84.4	106.7	72.5	81.0	104.1	68.7
85+ ***	110.0	108.0	111.0	112.2	109.6	113.5	82.1	87.6	79.2

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE INCLUDED IN THE 85+ AGE GROUP.

NOTE: RATES PER 1,000 ESTIMATED 1989 POPULATION FOR EACH RACE AND SEX BY AGE GROUP.

TABLE C-5
AGE-ADJUSTED DEATH RATES* BY SEX, PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1989

	PENNSYLVANIA			UNITED STATES		
YEAR	TOTAL	MALE**	FEMALE	TOTAL	MALE	FEMALE
1989	5.3	7.0	4.0	5.2***	6.8***	4.0***
1988	5.5	7.2	4.1	5.4***	7.0***	4.0***
1987	5.6	7.3	4.2	5.4	7.0	4.0
1986	5.5	7.2	4.2	5.4	7.1	4.1
1985	5.6	7.3	4.2	5.5	7.2	4.1
1984	5.6	7.4	4.2	5.5	7.2	4.1
1983	5.6	7.4	4.3	5.5	7.2	4.1
1982	5.7	7.5	4.2	5.6	7.3	4.1
1981	5.8	7.7	4.4	5.7	7.5	4.2
1980	6.1	8.1	4.6	5.9	7.8	4.3
1979	6.0	8.0	4.4	5.8	7.7	4.2
1978	6.2	8.2	4.6	6.0	7.9	4.4
1977	6.3	8.4	4.7	6.0	8.0	4.4
1976	6.5	8.6	4.8	6.2	8.2	4.6
1975	6.5	8.7	4.8	6.3	8.4	4.6
1974	6.8	9.0	5.0	6.6	8.7	4.9
1973	7.1	9.4	5.3	6.9	9.1	5.1
1972	7.2	9.5	5.4	7.0	9.2	5.2
1971	7.3	9.5	5.5	7.0	9.1	5.2
1970	7.5	9.6	5.7	7.1	9.3	5.3
1960	8.1	10.1	6.4	7.6	9.5	5.9
1950	8.9	10.5	7.5	8.4	10.0	6.9

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.

** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

***PROVISIONAL.

NOTE: SOME OF THE AGE-ADJUSTED RATES BY SEX FOR PENNSYLVANIA THAT APPEARED IN PREVIOUS EDITIONS OF "PENNSYLVANIA VITAL STATISTICS" ARE INCORRECT. THE AGE-ADJUSTED RATES BY SEX FOR THE STATE LISTED ABOVE FOR THE YEARS 1950-1988 SHOULD BE USED IN PLACE OF THOSE PREVIOUSLY PUBLISHED FIGURES.

FIGURE C-4
AGE-ADJUSTED DEATH RATES BY SEX PENNSYLVANIA AND UNITED STATES, 1970-1989

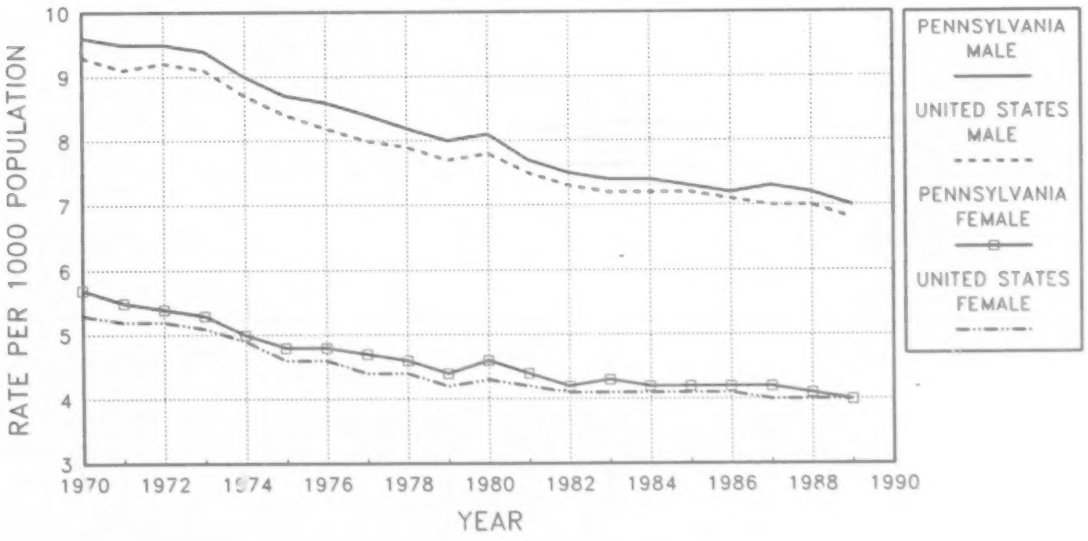

TABLE C-6
AGE-ADJUSTED DEATH RATES* BY RACE, PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1989

	PENNSYLVANIA			UNITED STATES		
YEAR	ALL RACES	WHITE**	ALL OTHER RACES	ALL RACES	WHITE	ALL OTHER RACES
1989	5.3	5.0	8.0	5.2***	5.0***	6.7***
1988	5.5	5.2	8.0	5.4***	5.1***	6.7***
1987	5.6	5.3	8.1	5.4	5.1	6.9
1986	5.5	5.3	7.7	5.4	5.2	6.9
1985	5.6	5.3	7.9	5.5	5.2	7.0
1984	5.6	5.4	7.7	5.5	5.2	7.0
1983	5.6	5.4	7.7	5.5	5.3	7.0
1982	5.7	5.5	7.8	5.6	5.3	7.0
1981	5.8	5.6	8.0	5.7	5.4	7.3
1980	6.1	5.9	8.5	5.9	5.6	7.7
1979	6.0	5.8	8.2	5.8	5.5	7.6
1978	6.2	5.9	8.7	6.0	5.7	7.8
1977	6.3	6.0	9.1	6.0	5.8	8.0
1976	6.5	6.2	9.0	6.2	5.9	8.2
1975	6.5	6.3	9.2	6.3	6.0	8.4
1974	6.8	6.5	9.8	6.6	6.3	8.9
1973	7.1	6.8	10.2	6.9	6.5	9.4
1972	7.2	6.9	10.7	7.0	6.6	9.6
1971	7.3	7.0	10.7	7.0	6.6	9.6
1970	7.5	7.1	10.9	7.1	6.8	9.8
1960	8.1	7.9	10.6	7.6	7.3	10.5
1950	8.9	8.7	13.2	8.4	8.0	12.3

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.

** UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.

***PROVISIONAL.

NOTE: SOME OF THE AGE-ADJUSTED RATES BY RACE FOR PENNSYLVANIA THAT APPEARED IN THE PREVIOUS EDITIONS OF "PENNSYLVANIA VITAL STATISTICS" ARE INCORRECT. THE AGE-ADJUSTED RATES BY RACE FOR THE STATE LISTED ABOVE FOR THE YEARS 1950-1988 SHOULD BE USED IN PLACE OF THOSE PREVIOUSLY PUBLISHED FIGURES.

FIGURE C-5
AGE-ADJUSTED DEATH RATES BY RACE
PENNSYLVANIA AND UNITED STATES, 1970-1989

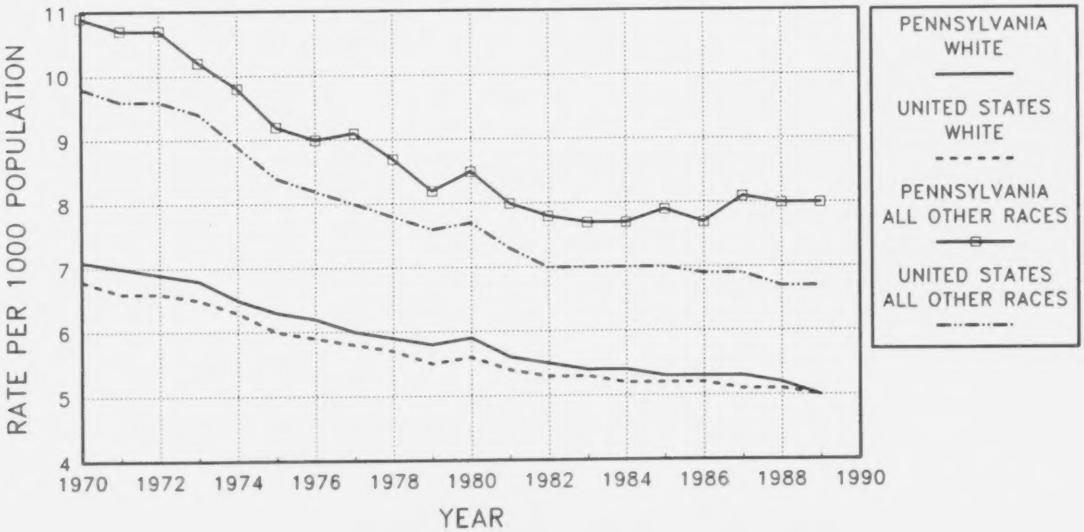

FIGURE C-6
VITAL EVENTS SUMMARY CHART

THE FOLLOWING FIGURES REPRESENT AN AVERAGE DAY OF VITAL EVENTS IN 1989 FOR PENNSYLVANIA RESIDENTS:

ESTIMATED POPULATION AS OF JULY 1, 1989 12,040,102

	NUMBER PER DAY
LIVE BIRTHS	461
DEATHS	337
ABORTIONS	132
MARRIAGES*	240
DIVORCES*	105

BY AGE AT DEATH**	NUMBER PER DAY
LESS THAN 28 DAYS	3
28-364 DAYS	1
1-19 YEARS	3
20-34 YEARS	9
35-49 YEARS	16
50-64 YEARS	49
65-74 YEARS	82
75 AND OVER	173

BY CAUSE OF DEATH	NUMBER PER DAY
HEART DISEASE	123
CANCER	80
CEREBROVASCULAR DISEASE	21
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	12
UNINTENTIONAL INJURIES	12
MOTOR VEHICLE	5
NON-MOTOR VEHICLE	7
PNEUMONIA AND INFLUENZA	11
DIABETES MELLITUS	9
SEPTICEMIA	5
NEPHRITIS, NEPHROSIS, ETC.	4
SUICIDE	4
LIVER DISEASE & CIRRHOSIS	4
ALL OTHER CAUSES	53

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* FIGURES FOR MARRIAGES AND DIVORCES ARE OCCURRENCE DATA.
** COLUMN DOES NOT EQUAL TOTAL DEATHS PER DAY DUE TO ROUNDING.

TABLE C-7A
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY RACE
PENNSYLVANIA, 1980-1989

	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
YEAR	ALL RACES	WHITE*	ALL OTHER RACES	ALL RACES	WHITE*	ALL OTHER RACES	ALL RACES	WHITE*	ALL OTHER RACES
1989	1,696	1,099	597	1,171	784	387	525	315	210
1988	1,615	1,090	525	1,092	747	345	523	343	180
1987	1,654	1,100	554	1,164	790	374	490	310	180
1986	1,628	1,154	474	1,084	764	320	544	390	154
1985	1,734	1,276	458	1,201	896	305	533	380	153
1984	1,634	1,186	448	1,129	822	307	505	364	141
1983	1,764	1,325	439	1,229	932	297	535	393	142
1982	1,853	1,413	440	1,320	1,024	296	533	389	144
1981	1,902	1,465	437	1,357	1,059	298	545	406	139
1980	2,095	1,620	475	1,529	1,204	325	566	416	150

TABLE C-7B
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATH RATES** BY RACE
PENNSYLVANIA, 1980-1989

	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
YEAR	ALL RACES	WHITE*	ALL OTHER RACES	ALL RACES	WHITE*	ALL OTHER RACES	ALL RACES	WHITE*	ALL OTHER RACES
1989	10.1	7.8	21.5	7.0	5.6	14.0	3.1	2.2	7.6
1988	9.8	7.9	19.9	6.6	5.4	13.1	3.2	2.5	6.8
1987	10.2	8.0	22.1	7.2	5.8	14.9	3.0	2.3	7.2
1986	10.2	8.5	19.8	6.8	5.6	13.3	3.4	2.9	6.4
1985	10.8	9.3	20.2	7.5	6.5	13.4	3.3	2.8	6.7
1984	10.4	8.7	21.5	7.2	6.0	14.7	3.2	2.7	6.8
1983	11.2	9.7	20.8	7.8	6.8	14.1	3.4	2.9	6.7
1982	11.5	10.1	20.5	8.2	7.3	13.8	3.3	2.8	6.7
1981	11.9	10.5	20.7	8.5	7.6	14.1	3.4	2.9	6.6
1980	13.2	11.7	23.1	9.6	8.7	15.8	3.6	3.0	7.3

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.

**RATE PER 1,000 LIVE BIRTHS; RACE OF CHILD IS USED TO CLASSIFY DEATHS AND RACE OF MOTHER IS USED TO CLASSIFY BIRTHS.

FIGURE C-7A
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATH RATES, PENNSYLVANIA, 1980-1989

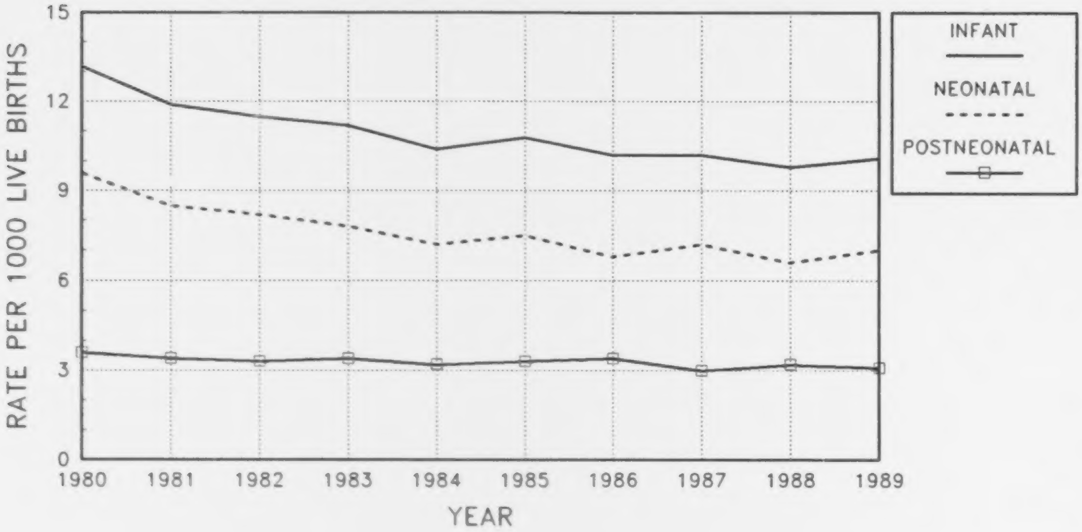


FIGURE C-7B
RESIDENT INFANT DEATH RATES BY RACE PENNSYLVANIA, 1980-1989

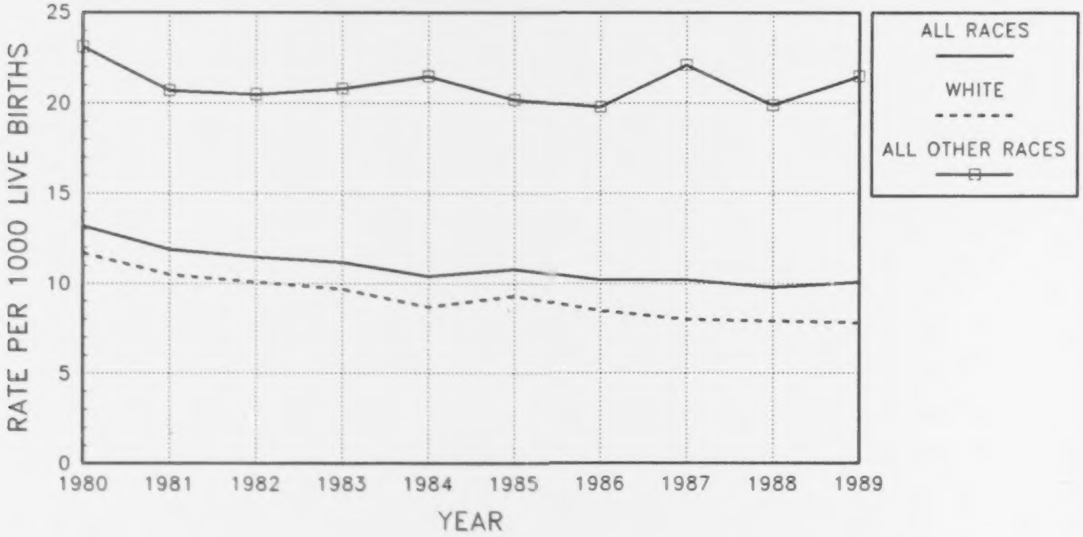


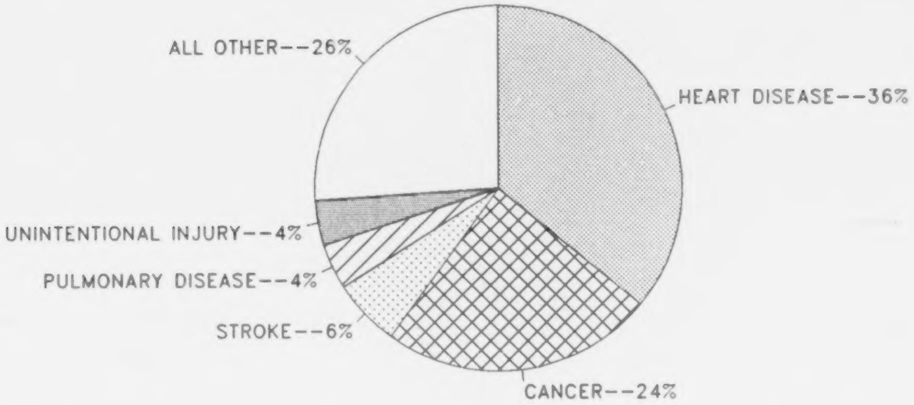
TABLE C-8
LEADING CAUSES OF DEATH, PENNSYLVANIA RESIDENTS, 1989, 1980, 1970, 1960, 1950, 1940

CAUSE OF DEATH*	1989		1980		1970		1960		1950		1940	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	122,956		123,233		126,564		121,163		110,212		111,977	
HEART DISEASE	44,784	1	50,677	1	52,476	1	51,431	1	43,793	1	34,333	1
NEOPLASMS, MALIGNANT	29,064	2	26,040	2	22,013	2	19,612	2	16,326	2	13,055	2
CEREBROVAS-CULAR DIS.	7,683	3	9,539	3	12,573	3	12,632	3	11,043	3	8,857	4
CHRONIC OBSTRUCTIVE PULMONARY DIS.	4,496	4	3,263	5	**		**		**		**	
UNINTENTIONAL INJURIES	4,365	5	4,586	4	5,336	4	4,866	4	5,697	4	7,206	5
PNEUMONIA AND INFLUENZA	3,949	6	2,869	6	3,466	5	3,889	5	3,116	6	6,712	6
DIABETES MELLITUS	3,311	7	2,599	7	2,819	6	2,779	8	2,418	10	3,617	9
SEPTICEMIA	1,664	8	803		215		121		42		**	
SUICIDE	1,439	9	1,317	10	1,337	10	1,099		1,001		1,312	
NEPHRITIS AND NEPHROSIS	1,357	10	1,109		530		938		2,498	8	9,728	3
LIVER DISEASE AND CIRRHOSIS	1,348		1,625	9	1,846	9	1,321	9	1,099		950	
PERINATAL CONDITIONS	896		1,194		2,391	7	3,820	6	3,835	5	3,679	8
ATHEROSCLEROSIS	827		1,837	8	2,320	8	2,899	7	2,723	7	**	
CONGENITAL ANOMALIES	557		661		984		1,266	10	1,177		1,119	
TUBERCULOSIS, ALL FORMS	81		123		414		902		2,474	9	4,252	7
SYPHILIS AND SEQUELAE	4		9		36		242		402		1,325	10
ALL OTHER	17,131		15,785		18,023		13,466		12,603		15,788	

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975. THE ICD CODES USED FOR SYPHILIS AND SEQUELAE WERE 090-097. SEE TECHNICAL NOTES FOR ALL OTHER CAUSE OF DEATH ICD CODES.

**DATA NOT AVAILABLE.

FIGURE C–8
RESIDENT DEATHS, PERCENT BY FIVE LEADING CAUSES
PENNSYLVANIA, 1989 AND 1940



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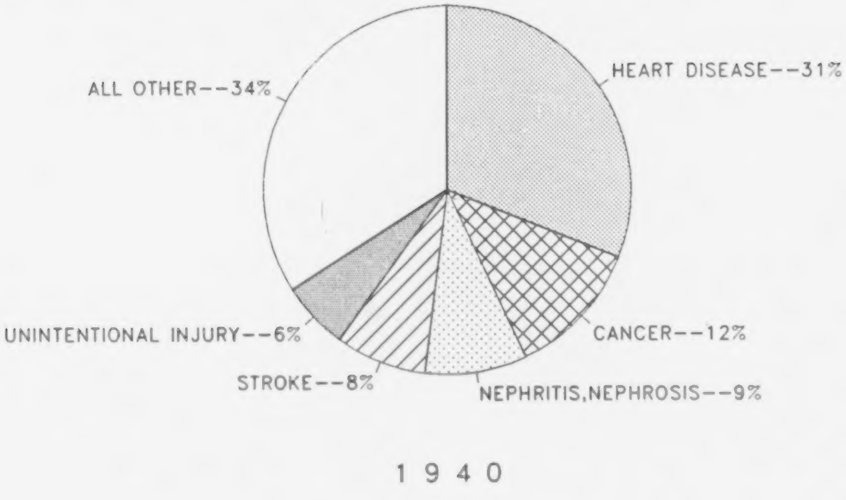

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TABLE C-9
MEDIAN AGE AT DEATH FOR SELECTED LEADING CAUSES BY RACE AND SEX
PENNSYLVANIA RESIDENTS, 1989

	MEDIAN AGE AT DEATH								
	ALL RACES			WHITE*			ALL OTHER RACES		
CAUSE OF DEATH	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL CAUSES	75.5	72.4	78.8	76.2	73.1	79.4	67.3	63.8	71.1
HEART DISEASE	78.1	74.1	81.8	78.5	74.4	82.2	71.5	67.9	75.4
MALIGNANT NEOPLASMS	71.4	70.9	72.1	71.8	71.2	72.5	68.1	68.1	68.0
CEREBROVASCULAR DISEASE	80.7	77.6	82.5	81.3	78.2	83.0	73.3	70.4	75.9
CHRONIC OBSTR. PULM. DIS.	75.4	75.6	75.2	75.8	76.0	75.5	70.0	71.5	68.2
UNINTENTIONAL INJURIES	46.6	38.2	68.6	48.2	38.2	70.2	39.4	38.0	50.8
NON-MOTOR VEHICLE	65.7	49.8	77.7	68.9	55.0	79.3	42.3	39.1	60.9
MOTOR VEHICLE	32.0	30.8	40.8	31.8	30.4	41.0	35.8	35.0	37.1
PNEUMONIA & INFLUENZA	83.6	81.2	85.9	84.2	81.9	86.2	73.5	70.5	77.0
DIABETES MELLITUS	74.5	72.0	76.3	74.9	72.6	76.7	71.1	67.6	74.1
SEPTICEMIA	80.2	77.4	82.3	80.9	78.2	83.1	76.7	73.1	79.2
SUICIDE	41.5	40.5	45.8	43.2	41.8	46.6	33.3	32.8	35.2
NEPHRITIS, NEPHROSIS, ETC.	79.0	77.0	80.9	80.0	77.7	82.2	73.3	72.0	74.7
LIVER DISEASE & CIRRHOSIS	63.7	62.1	67.0	65.6	63.8	68.8	52.5	50.9	55.5
AORTIC ANEURYSM	75.7	74.5	79.0	76.2	74.7	79.2	69.6	67.8	74.5
ATHEROSCLEROSIS	85.4	82.1	87.5	85.5	81.9	87.5	85.0	84.9	86.9
HOMICIDE & LEGAL INTERV.	29.3	28.4	32.0	30.5	30.3	33.2	27.9	27.4	31.7
HIV INFECTION	37.0	37.3	31.0	36.9	37.2	31.7	37.2	37.4	29.5
PNEUMOCONIOSIS	77.7	77.7	-	77.7	77.8	-	-	-	-

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: MEDIAN AGE FOR CATEGORIES WITH 10 DEATHS OR LESS ARE NOT CALCULATED AND ARE INDICATED WITH A DASH (-).

TABLE C-10A
SELECTED CAUSES OF DEATH BY AGE GROUP
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1989

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**
ALL CAUSES	122,956		1,948		1,831		5,698		20,303		66,694		26,482	
HEART DISEASE	44,784	1	53	4	64	5	707	3	6,390	2	25,469	1	12,101	1
MALIGNANT NEOPLASMS	29,064	2	25	7	113	4	955	2	7,481	1	17,514	2	2,976	2
CEREBROVASCULAR DISEASE	7,683	3	3		15	8	138	8	719	3	4,287	3	2,521	3
CHRONIC OBSTR. PULM. DIS.	4,496	4	4		14	9	34		653	4	3,080	4	711	5
UNINTENTIONAL INJURIES	4,365	5	117	3	860	1	1,157	1	644	5	1,144	7	443	8
NON-MOTOR VEHICLE	2,425		92		227		541		325		841		399	
MOTOR VEHICLE	1,940		25		633		616		319		303		44	
PNEUMONIA & INFLUENZA	3,949	6	35	5	10		89	10	266	9	1,785	6	1,764	4
DIABETES MELLITUS	3,311	7	1		4		104	9	635	6	2,055	5	512	7
SEPTICEMIA	1,664	8	14	8	4		43		165	10	891	8	547	6
SUICIDE	1,439	9	0		217	3	574	4	340	8	287		21	
NEPHRITIS, NEPHROSIS, ETC.	1,357	10	5	10	4		32		129		805	9	382	10
LIVER DISEASE & CIRRHOSIS	1,348		0		1		179	7	548	7	580		40	
AORTIC ANEURYSM	996		0		2		22		127		678	10	167	
PERINATAL CONDITIONS	896		893	1	1		1		1		0		0	
ATHEROSCLEROSIS	827		1		1		0		23		376		426	9
HOMICIDE & LEGAL INTERV.	782		28	6	247	2	359	6	102		40		6	
HIV INFECTION	651		8	9	25	7	480	5	123		15		0	
CONGENITAL ANOMALIES	557		374	2	43	6	40		36		58		6	
BENIGN/UNSPEC. NEOPLASMS	465		3		10		23		80		254		95	
PARKINSONS DISEASE	457		0		0		0		14		316		127	
PNEUMOCONIOSIS	445		0		0		0		22		364		59	
HYPERTENSION	411		0		1		11		61		227		111	
HERNIA/INTESTINAL OBSTR.	319		3		2		8		16		165		125	
ULCERS OF STOMACH/DUODENUM	312		1		0		3		27		188		93	
ANEMIAS	231		1		11	10	17		26		108		68	
NUTRITIONAL DEFICIENCIES	186		1		1		3		9		87		85	
GALL BLADDER DISORDERS	162		0		0		0		12		94		56	
DISEASES OF PANCREAS	147		0		4		14		38		76		15	
ALCOHOLISM	139		0		1		35		68		35		0	
VENOUS EMBOLISM & THROMB.	104		1		3		6		21		57		16	
MULTIPLE SCLEROSIS	94		0		1		18		46		29		0	
EPILEPSY	93		1		4		27		27		27		7	
TUBERCULOSIS	81		0		1		6		21		40		13	
INFECTIONS OF KIDNEY	43		0		0		3		8		25		7	
MENINGITIS	36		3		1		11		3		16		2	
ALL OTHER CAUSES	11,062		373		166		599		1,422		5,522		2,980	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
**RANK

TABLE C-10B
SELECTED CAUSES OF DEATH BY AGE GROUP - MALES*
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1989

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER***	
CAUSE OF DEATH	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**
ALL CAUSES	61,867		1,113		1,340		4,005		12,470		34,468		8,471	
HEART DISEASE	21,904	1	30	4	40	5	540	2	4,517	1	13,268	1	3,509	1
MALIGNANT NEOPLASMS	15,146	2	12	7	65	4	438	5	4,073	2	9,314	2	1,244	2
CEREBROVASCULAR DISEASE	2,953	3	2		5		70	8	390	4	1,832	3	654	3
CHRONIC OBSTR. PULM. DIS.	2,556	5	3	10	12	8	17		334	7	1,799	4	391	5
UNINTENTIONAL INJURIES	2,827	4	71	3	643	1	916	1	443	3	612	7	142	8
NON-MOTOR VEHICLE	1,476		58		173		443		238		448		116	
MOTOR VEHICLE	1,351		13		470		473		205		164		26	
PNEUMONIA & INFLUENZA	1,875	6	20	5	6	10	57	10	172	9	979	5	641	4
DIABETES MELLITUS	1,369	7	1		4		65	9	335	6	821	6	143	7
SEPTICEMIA	692	10	9	8	2		21		89		408	10	163	6
SUICIDE	1,170	8	0		196	2	467	3	243	8	245		19	
NEPHRITIS, NEPHROSIS, ETC.	668		4	9	2		20		77		424	9	141	9
LIVER DISEASE & CIRRHOSIS	854	9	0		0		129	7	379	5	327		19	
AORTIC ANEURYSM	649		0		2		17		102		448	8	80	
PERINATAL CONDITIONS	519		517	1	0		1		1		0		0	
ATHEROSCLEROSIS	297		0		1		0		13		174		109	10
HOMICIDE & LEGAL INTERV.	583		15	6	195	3	282	6	69		18		4	
HIV INFECTION	592		2		21	7	441	4	117	10	11		0	
CONGENITAL ANOMALIES	283		202	2	22	6	19		11		25		4	
BENIGN/UNSPEC. NEOPLASMS	206		1		6	10	11		48		110		30	
PARKINSONS DISEASE	254		0		0		0		11		188		55	
PNEUMOCONIOSIS	439		0		0		0		22		358		59	
HYPERTENSION	169		0		0		11		33		95		30	
HERNIA/INTESTINAL OBSTR.	114		0		1		4		5		72		32	
ULCERS OF STOMACH/DUODENUM	147		1		0		3		19		95		29	
ANEMIAS	98		1		10	9	8		11		50		18	
NUTRITIONAL DEFICIENCIES	65		1		1		2		6		34		21	
GALL BLADDER DISORDERS	68		0		0		0		7		46		15	
DISEASES OF PANCREAS	76		0		1		7		26		37		5	
ALCOHOLISM	111		0		0		23		56		32		0	
VENOUS EMBOLISM & THROMB.	56		1		3		5		13		27		7	
MULTIPLE SCLEROSIS	36		0		1		8		17		10		0	
EPILEPSY	48		1		1		17		14		12		3	
TUBERCULOSIS	49		0		1		3		13		23		9	
INFECTIONS OF KIDNEY	13		0		0		1		3		9		0	
MENINGITIS	19		2		1		7		2		5		2	
ALL OTHER CAUSES	4,962		217		98		395		799		2,560		893	

* UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
** RANK
***UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10C
SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1989

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**
ALL CAUSES	61,089		835		491		1,693		7,833		32,226		18,011	
HEART DISEASE	22,880	1	23	4	24	4	167	3	1,873	2	12,201	1	8,592	1
MALIGNANT NEOPLASMS	13,918	2	13	6	48	3	517	1	3,408	1	8,200	2	1,732	3
CEREBROVASCULAR DISEASE	4,730	3	1		10	7	68	6	329	3	2,455	3	1,867	2
CHRONIC OBSTR. PULM. DIS.	1,940	6	1		2		17		319	4	1,281	4	320	7
UNINTENTIONAL INJURIES	1,538	7	46	3	217	1	241	2	201	6	532	7	301	9
NON-MOTOR VEHICLE	949		34		54		98		87		393		283	
MOTOR VEHICLE	589		12		163		143		114		139		18	
PNEUMONIA & INFLUENZA	2,074	4	15	5	4	8	32	10	94	9	806	6	1,123	4
DIABETES MELLITUS	1,942	5	0		0		39	8	300	5	1,234	5	369	6
SEPTICEMIA	972	8	5	9	2		22		76	10	483	8	384	5
SUICIDE	269		0		21	5	107	4	97	8	42		2	
NEPHRITIS, NEPHROSIS, ETC.	689	9	1		2		12		52		381	9	241	10
LIVER DISEASE & CIRRHOSIS	494		0		1		50	7	169	7	253	10	21	
AORTIC ANEURYSM	347		0		0		5		25		230		87	
PERINATAL CONDITIONS	377		376	1	1		0		0		0		0	
ATHEROSCLEROSIS	530	10	1		0		0		10		202		317	8
HOMICIDE & LEGAL INTERV.	199		13	6	52	2	77	5	33		22		2	
HIV INFECTION	59		6	8	4	8	39	8	6		4		0	
CONGENITAL ANOMALIES	274		172	2	21	5	21		25		33		2	
BENIGN/UNSPEC. NEOPLASMS	259		2		4	8	12		32		144		65	
PARKINSONS DISEASE	203		0		0		0		3		128		72	
PNEUMOCONIOSIS	6		0		0		0		0		6		0	
HYPERTENSION	242		0		1		0		28		132		81	
HERNIA/INTESTINAL OBSTR.	205		3	10	1		4		11		93		93	
ULCERS OF STOMACH/DUODENUM	165		0		0		0		8		93		64	
ANEMIAS	133		0		1		9		15		58		50	
NUTRITIONAL DEFICIENCIES	121		0		0		1		3		53		64	
GALL BLADDER DISORDERS	94		0		0		0		5		48		41	
DISEASES OF PANCREAS	71		0		3		7		12		39		10	
ALCOHOLISM	28		0		1		12		12		3		0	
VENOUS EMBOLISM & THROMB.	48		0		0		1		8		30		9	
MULTIPLE SCLEROSIS	58		0		0		10		29		19		0	
EPILEPSY	45		0		3		10		13		15		4	
TUBERCULOSIS	32		0		0		3		8		17		4	
INFECTIONS OF KIDNEY	30		0		0		2		5		16		7	
MENINGITIS	17		1		0		4		1		11		0	
ALL OTHER CAUSES	6,100		156		68		204		623		2,962		2,087	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
**RANK

TABLE C-10D
SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE RACE*
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1989

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER***	
	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**
ALL CAUSES	110,599		1,272		1,443		4,303		17,258		61,300		25,023	
HEART DISEASE	41,384	1	38	4	47	5	570	3	5,519	2	23,664	1	11,546	1
MALIGNANT NEOPLASMS	26,304	2	21	5	98	3	797	2	6,553	1	16,072	2	2,763	2
CEREBROVASCULAR DISEASE	6,948	3	3	10	13	8	86	9	546	4	3,908	3	2,392	3
CHRONIC OBSTR. PULM. DIS.	4,181	4	3	10	8	9	15		569	3	2,897	4	689	5
UNINTENTIONAL INJURIES	3,827	5	79	3	767	1	976	1	546	4	1,040	7	419	8
NON-MOTOR VEHICLE	2,042		57		178		417		265		750		375	
MOTOR VEHICLE	1,785		22		589		559		281		290		44	
PNEUMONIA & INFLUENZA	3,612	6	19	6	6		56	10	207	9	1,640	6	1,684	4
DIABETES MELLITUS	2,925	7	1		3		90	8	527	6	1,832	5	472	7
SEPTICEMIA	1,370	8	7	8	3		26		119	10	731	8	484	6
SUICIDE	1,302	9	0		184	2	499	4	316	8	282		21	
NEPHRITIS, NEPHROSIS, ETC.	1,169	10	3	10	4		17		92		701	9	352	10
LIVER DISEASE & CIRRHOSIS	1,124		0		1		110	7	432	7	542		39	
AORTIC ANEURYSM	940		0		2		17		110		649	10	162	
PERINATAL CONDITIONS	555		553	1	0		1		1		0		0	
ATHEROSCLEROSIS	782		1		1		0		22		355		403	9
HOMICIDE & LEGAL INTERV.	327		14	7	88	4	147	6	48		28		2	
HIV INFECTION	408		4	9	15	7	306	5	74		9		0	
CONGENITAL ANOMALIES	469		299	2	38	6	36		35		55		6	
BENIGN/UNSPEC. NEOPLASMS	419		3	10	8	9	20		68		231		89	
PARKINSONS DISEASE	431		0		0		0		13		300		118	
PNEUMOCONIOSIS	440		0		0		0		22		360		58	
HYPERTENSION	332		0		1		3		43		187		98	
HERNIA/INTESTINAL OBSTR.	295		3	10	2		5		14		153		118	
ULCERS OF STOMACH/DUODENUM	288		1		0		3		20		173		91	
ANEMIAS	192		1		5		6		20		97		63	
NUTRITIONAL DEFICIENCIES	155		1		0		1		8		78		67	
GALL BLADDER DISORDERS	156		0		0		0		9		92		55	
DISEASES OF PANCREAS	122		0		3		10		25		70		14	
ALCOHOLISM	88		0		1		17		44		26		0	
VENOUS EMBOLISM & THROMB.	89		0		3		6		19		46		15	
MULTIPLE SCLEROSIS	85		0		1		15		41		28		0	
EPILEPSY	79		1		4		22		22		25		5	
TUBERCULOSIS	46		0		1		0		6		29		10	
INFECTIONS OF KIDNEY	39		0		0		2		7		24		6	
MENINGITIS	26		3	10	1		6		2		13		1	
ALL OTHER CAUSES	9,690		214		135		438		1,159		4,963		2,781	

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** RANK
***UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10E
SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1989

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**	NUMBER	**
ALL CAUSES	12,357		676		388		1,395		3,045		5,394		1,459	
HEART DISEASE	3,400	1	15	5	17	4	137	5	871	2	1,805	1	555	1
MALIGNANT NEOPLASMS	2,760	2	4	8	15	5	158	4	928	1	1,442	2	213	2
CEREBROVASCULAR DISEASE	735	3	0		2		52	8	173	3	379	3	129	3
CHRONIC OBSTR. PULM. DIS.	315	9	1		6	7	19	10	84	7	183	5	22	10
UNINTENTIONAL INJURIES	538	4	38	3	93	2	181	2	98	6	104	8	24	8
NON-MOTOR VEHICLE	383		35		49		124		60		91		24	
MOTOR VEHICLE	155		3		44		57		38		13		0	
PNEUMONIA & INFLUENZA	337	8	16	4	4	10	33	9	59	8	145	7	80	4
DIABETES MELLITUS	386	6	0		1		14		108	5	223	4	40	6
SEPTICEMIA	294	10	7	7	1		17		46		160	6	63	5
SUICIDE	137		0		33	3	75	6	24		5		0	
NEPHRITIS, NEPHROSIS, ETC.	188		2	10	0		15		37		104	8	30	7
LIVER DISEASE & CIRRHOSIS	224		0		0		69	7	116	4	38		1	
AORTIC ANEURYSM	56		0		0		5		17		29		5	
PERINATAL CONDITIONS	341	7	340	1	1		0		0		0		0	
ATHEROSCLEROSIS	45		0		0		0		1		21		23	9
HOMICIDE & LEGAL INTERV.	455	5	14	6	153	1	212	1	54	9	12		4	
HIV INFECTION	243		4	8	10	6	174	3	49	10	6		0	
CONGENITAL ANOMALIES	88		75	2	5	9	4		1		3		0	
BENIGN/UNSPEC. NEOPLASMS	46		0		2		3		12		23		6	
PARKINSONS DISEASE	26		0		0		0		1		16		9	
PNEUMOCONIOSIS	5		0		0		0		0		4		1	
HYPERTENSION	79		0		0		8		18		40	10	13	
HERNIA/INTESTINAL OBSTR.	24		0		0		3		2		12		7	
ULCERS OF STOMACH/DUODENUM	24		0		0		0		7		15		2	
ANEMIAS	39		0		6	7	11		6		11		5	
NUTRITIONAL DEFICIENCIES	31		0		1		2		1		9		18	
GALL BLADDER DISORDERS	6		0		0		0		3		2		1	
DISEASES OF PANCREAS	25		0		1		4		13		6		1	
ALCOHOLISM	51		0		0		18		24		9		0	
VENOUS EMBOLISM & THROMB.	15		1		0		0		2		11		1	
MULTIPLE SCLEROSIS	9		0		0		3		5		1		0	
EPILEPSY	14		0		0		5		5		2		2	
TUBERCULOSIS	35		0		0		6		15		11		3	
INFECTIONS OF KIDNEY	4		0		0		1		1		1		1	
MENINGITIS	10		0		0		5		1		3		1	
ALL OTHER CAUSES	1,372		159		31		161		263		559		199	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
**RANK

TABLE C-11A
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH BY AGE GROUP, PENNSYLVANIA, 1989

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,021.2	236.0	54.3	154.6	850.0	4,361.1	10,999.2
HEART DISEASE	372.0	6.4	1.9	19.2	267.5	1,665.4	5,026.1
MALIGNANT NEOPLASMS	241.4	3.0	3.4	25.9	313.2	1,145.2	1,236.1
CEREBROVASCULAR DISEASE	63.8	0.4	0.4	3.7	30.1	280.3	1,047.1
CHRONIC OBSTR. PULM. DIS.	37.3	0.5	0.4	0.9	27.3	201.4	295.3
UNINTENTIONAL INJURIES	36.3	14.2	25.5	31.4	27.0	74.8	184.0
NON-MOTOR VEHICLE	20.1	11.1	6.7	14.7	13.6	55.0	165.7
MOTOR VEHICLE	16.1	3.0	18.8	16.7	13.4	19.8	18.3
PNEUMONIA & INFLUENZA	32.8	4.2	0.3	2.4	11.1	116.7	732.7
DIABETES MELLITUS	27.5	0.1	0.1	2.8	26.6	134.4	212.7
SEPTICEMIA	13.8	1.7	0.1	1.2	6.9	58.3	227.2
SUICIDE	12.0	-	6.4	15.6	14.2	18.8	8.7
NEPHRITIS, NEPHROSIS, ETC.	11.3	0.6	0.1	0.9	5.4	52.6	158.7
LIVER DISEASE & CIRRHOSIS	11.2	-	0.0	4.9	22.9	37.9	16.6
AORTIC ANEURYSM	8.3	-	0.1	0.6	5.3	44.3	69.4
PERINATAL CONDITIONS	7.4	108.2	0.0	0.0	0.0	-	-
ATHEROSCLEROSIS	6.9	0.1	0.0	-	1.0	24.6	176.9
HOMICIDE & LEGAL INTERV.	6.5	3.4	7.3	9.7	4.3	2.6	2.5
HIV INFECTION	5.4	1.0	0.7	13.0	5.1	1.0	-
CONGENITAL ANOMALIES	4.6	45.3	1.3	1.1	1.5	3.8	2.5
BENIGN/UNSPEC. NEOPLASMS	3.9	0.4	0.3	0.6	3.3	16.6	39.5
PARKINSONS DISEASE	3.8	-	-	-	0.6	20.7	52.7
PNEUMOCONIOSIS	3.7	-	-	-	0.9	23.8	24.5
HYPERTENSION	3.4	-	0.0	0.3	2.6	14.8	46.1
HERNIA/INTESTINAL OBSTR.	2.6	0.4	0.1	0.2	0.7	10.8	51.9
ULCERS OF STOMACH/DUODENUM	2.6	0.1	-	0.1	1.1	12.3	38.6
ANEMIAS	1.9	0.1	0.3	0.5	1.1	7.1	28.2
NUTRITIONAL DEFICIENCIES	1.5	0.1	0.0	0.1	0.4	5.7	35.3
GALL BLADDER DISORDERS	1.3	-	-	-	0.5	6.1	23.3
DISEASES OF PANCREAS	1.2	-	0.1	0.4	1.6	5.0	6.2
ALCOHOLISM	1.2	-	0.0	0.9	2.8	2.3	-
VENOUS EMBOLISM & THROMB.	0.9	0.1	0.1	0.2	0.9	3.7	6.6
MULTIPLE SCLEROSIS	0.8	-	0.0	0.5	1.9	1.9	-
EPILEPSY	0.8	0.1	0.1	0.7	1.1	1.8	2.9
TUBERCULOSIS	0.7	-	0.0	0.2	0.9	2.6	5.4
INFECTIONS OF KIDNEY	0.4	-	-	0.1	0.3	1.6	2.9
MENINGITIS	0.3	0.4	0.0	0.3	0.1	1.0	0.8
ALL OTHER CAUSES	91.9	45.2	4.9	16.3	59.5	361.1	1,237.7

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGES AT DEATH INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11B
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH BY AGE GROUP - MALES**, PENNSYLVANIA, 1989

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER***
ALL CAUSES	1,072.1	263.0	77.9	220.6	1,113.8	5,613.2	10,795.5
HEART DISEASE	379.6	7.1	2.3	29.7	403.5	2,160.7	4,471.9
MALIGNANT NEOPLASMS	262.5	2.8	3.8	24.1	363.8	1,516.8	1,585.4
CEREBROVASCULAR DISEASE	51.2	0.5	0.3	3.9	34.8	298.3	833.5
CHRONIC OBSTR. PULM. DIS.	44.3	0.7	0.7	0.9	29.8	293.0	498.3
UNINTENTIONAL INJURIES	49.0	16.8	37.4	50.4	39.6	99.7	181.0
NON-MOTOR VEHICLE	25.6	13.7	10.1	24.4	21.3	73.0	147.8
MOTOR VEHICLE	23.4	3.1	27.3	26.1	18.3	26.7	33.1
PNEUMONIA & INFLUENZA	32.5	4.7	0.3	3.1	15.4	159.4	816.9
DIABETES MELLITUS	23.7	0.2	0.2	3.6	29.9	133.7	182.2
SEPTICEMIA	12.0	2.1	0.1	1.2	7.9	66.4	207.7
SUICIDE	20.3	-	11.4	25.7	21.7	39.9	24.2
NEPHRITIS, NEPHROSIS, ETC.	11.6	0.9	0.1	1.1	6.9	69.0	179.7
LIVER DISEASE & CIRRHOSIS	14.8	-	-	7.1	33.9	53.3	24.2
AORTIC ANEURYSM	11.2	-	0.1	0.9	9.1	73.0	102.0
PERINATAL CONDITIONS	9.0	122.1	-	0.1	0.1	-	-
ATHEROSCLEROSIS	5.1	-	0.1	-	1.2	28.3	138.9
HOMICIDE & LEGAL INTERV.	10.1	3.5	11.3	15.5	6.2	2.9	5.1
HIV INFECTION	10.3	0.5	1.2	24.3	10.5	1.8	-
CONGENITAL ANOMALIES	4.9	47.7	1.3	1.0	1.0	4.1	5.1
BENIGN/UNSPEC. NEOPLASMS	3.6	0.2	0.3	0.6	4.3	17.9	38.2
PARKINSONS DISEASE	4.4	-	-	-	1.0	30.6	70.1
PNEUMOCONIOSIS	7.6	-	-	-	2.0	58.3	75.2
HYPERTENSION	2.9	-	-	0.6	2.9	15.5	38.2
HERNIA/INTESTINAL OBSTR.	2.0	-	0.1	0.2	0.4	11.7	40.8
ULCERS OF STOMACH/DUODENUM	2.5	0.2	-	0.2	1.7	15.5	37.0
ANEMIAS	1.7	0.2	0.6	0.4	1.0	8.1	22.9
NUTRITIONAL DEFICIENCIES	1.1	0.2	0.1	0.1	0.5	5.5	26.8
GALL BLADDER DISORDERS	1.2	-	-	-	0.6	7.5	19.1
DISEASES OF PANCREAS	1.3	-	0.1	0.4	2.3	6.0	6.4
ALCOHOLISM	1.9	-	-	1.3	5.0	5.2	-
VENOUS EMBOLISM & THROMB.	1.0	0.2	0.2	0.3	1.2	4.4	8.9
MULTIPLE SCLEROSIS	0.6	-	0.1	0.4	1.5	1.6	-
EPILEPSY	0.8	0.2	0.1	0.9	1.3	2.0	3.8
TUBERCULOSIS	0.8	-	0.1	0.2	1.2	3.7	11.5
INFECTIONS OF KIDNEY	0.2	-	-	0.1	0.3	1.5	-
MENINGITIS	0.3	0.5	0.1	0.4	0.2	0.8	2.5
ALL OTHER CAUSES	86.0	51.3	5.7	21.8	71.4	416.9	1,138.0

* RATE PER 100,000 ESTIMATED 1989 MALE POPULATION FOR EACH SPECIFIED AGE GROUP.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11C
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES, PENNSYLVANIA, 1989

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	974.4	207.6	29.7	90.6	617.2	3,521.0	11,097.6
HEART DISEASE	364.9	5.7	1.5	8.9	147.6	1,333.1	5,294.0
MALIGNANT NEOPLASMS	222.0	3.2	2.9	27.7	268.5	895.9	1,067.2
CEREBROVASCULAR DISEASE	75.4	0.2	0.6	3.6	25.9	268.2	1,150.4
CHRONIC OBSTR. PULM. DIS.	30.9	0.2	0.1	0.9	25.1	140.0	197.2
UNINTENTIONAL INJURIES	24.5	11.4	13.1	12.9	15.8	58.1	185.5
NON-MOTOR VEHICLE	15.1	8.5	3.3	5.2	6.9	42.9	174.4
MOTOR VEHICLE	9.4	3.0	9.9	7.6	9.0	15.2	11.1
PNEUMONIA & INFLUENZA	33.1	3.7	0.2	1.7	7.4	88.1	691.9
DIABETES MELLITUS	31.0	-	-	2.1	23.6	134.8	227.4
SEPTICEMIA	15.5	1.2	0.1	1.2	6.0	52.8	236.6
SUICIDE	4.3	-	1.3	5.7	7.6	4.6	1.2
NEPHRITIS, NEPHROSIS, ETC.	11.0	0.2	0.1	0.6	4.1	41.6	148.5
LIVER DISEASE & CIRRHOSIS	7.9	-	0.1	2.7	13.3	27.6	12.9
AORTIC ANEURYSM	5.5	-	-	0.3	2.0	25.1	53.6
PERINATAL CONDITIONS	6.0	93.5	0.1	-	-	-	-
ATHEROSCLEROSIS	8.5	0.2	-	-	0.8	22.1	195.3
HOMICIDE & LEGAL INTERV.	3.2	3.2	3.1	4.1	2.6	2.4	1.2
HIV INFECTION	0.9	1.5	0.2	2.1	0.5	0.4	-
CONGENITAL ANOMALIES	4.4	42.8	1.3	1.1	2.0	3.6	1.2
BENIGN/UNSPEC. NEOPLASMS	4.1	0.5	0.2	0.6	2.5	15.7	40.1
PARKINSONS DISEASE	3.2	-	-	-	0.2	14.0	44.4
PNEUMOCONIOSIS	0.1	-	-	-	-	0.7	-
HYPERTENSION	3.9	-	0.1	-	2.2	14.4	49.9
HERNIA/INTESTINAL OBSTR.	3.3	0.7	0.1	0.2	0.9	10.2	57.3
ULCERS OF STOMACH/DUODENUM	2.6	-	-	-	0.6	10.2	39.4
ANEMIAS	2.1	-	0.1	0.5	1.2	6.3	30.8
NUTRITIONAL DEFICIENCIES	1.9	-	-	0.1	0.2	5.8	39.4
GALL BLADDER DISORDERS	1.5	-	-	-	0.4	5.2	25.3
DISEASES OF PANCREAS	1.1	-	0.2	0.4	0.9	4.3	6.2
ALCOHOLISM	0.4	-	0.1	0.6	0.9	0.3	-
VENOUS EMBOLISM & THROMB.	0.8	-	-	0.1	0.6	3.3	5.5
MULTIPLE SCLEROSIS	0.9	-	-	0.5	2.3	2.1	-
EPILEPSY	0.7	-	0.2	0.5	1.0	1.6	2.5
TUBERCULOSIS	0.5	-	-	0.2	0.6	1.9	2.5
INFECTIONS OF KIDNEY	0.5	-	-	0.1	0.4	1.7	4.3
MENINGITIS	0.3	0.2	-	0.2	0.1	1.2	-
ALL OTHER CAUSES	97.3	38.8	4.1	10.9	49.1	323.6	1,285.9

* RATE PER 100,000 ESTIMATED 1989 FEMALE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11D
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE RACE**, PENNSYLVANIA, 1989

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER***
ALL CAUSES	1,026.6	182.1	48.8	130.7	792.0	4,303.0	11,221.9
HEART DISEASE	384.1	5.4	1.6	17.3	253.3	1,661.1	5,178.0
MALIGNANT NEOPLASMS	244.2	3.0	3.3	24.2	300.7	1,128.2	1,239.1
CEREBROVASCULAR DISEASE	64.5	0.4	0.4	2.6	25.1	274.3	1,072.7
CHRONIC OBSTR. PULM. DIS.	38.8	0.4	0.3	0.5	26.1	203.4	309.0
UNINTENTIONAL INJURIES	35.5	11.3	25.9	29.7	25.1	73.0	187.9
NON-MOTOR VEHICLE	19.0	8.2	6.0	12.7	12.2	52.6	168.2
MOTOR VEHICLE	16.6	3.1	19.9	17.0	12.9	20.4	19.7
PNEUMONIA & INFLUENZA	33.5	2.7	0.2	1.7	9.5	115.1	755.2
DIABETES MELLITUS	27.1	0.1	0.1	2.7	24.2	128.6	211.7
SEPTICEMIA	12.7	1.0	0.1	0.8	5.5	51.3	217.1
SUICIDE	12.1	-	6.2	15.2	14.5	19.8	9.4
NEPHRITIS, NEPHROSIS, ETC.	10.9	0.4	0.1	0.5	4.2	49.2	157.9
LIVER DISEASE & CIRRHOSIS	10.4	-	0.0	3.3	19.8	38.0	17.5
AORTIC ANEURYSM	8.7	-	0.1	0.5	5.0	45.6	72.7
PERINATAL CONDITIONS	5.2	79.2	-	0.0	0.0	-	-
ATHEROSCLEROSIS	7.3	0.1	0.0	-	1.0	24.9	180.7
HOMICIDE & LEGAL INTERV.	3.0	2.0	3.0	4.5	2.2	2.0	0.9
HIV INFECTION	3.8	0.6	0.5	9.3	3.4	0.6	-
CONGENITAL ANOMALIES	4.4	42.8	1.3	1.1	1.6	3.9	2.7
BENIGN/UNSPEC. NEOPLASMS	3.9	0.4	0.3	0.6	3.1	16.2	39.9
PARKINSONS DISEASE	4.0	-	-	-	0.6	21.1	52.9
PNEUMOCONIOSIS	4.1	-	-	-	1.0	25.3	26.0
HYPERTENSION	3.1	-	0.0	0.1	2.0	13.1	43.9
HERNIA/INTESTINAL OBSTR.	2.7	0.4	0.1	0.2	0.6	10.7	52.9
ULCERS OF STOMACH/DUODENUM	2.7	0.1	-	0.1	0.9	12.1	40.8
ANEMIAS	1.8	0.1	0.2	0.2	0.9	6.8	28.3
NUTRITIONAL DEFICIENCIES	1.4	0.1	-	0.0	0.4	5.5	30.0
GALL BLADDER DISORDERS	1.4	-	-	-	0.4	6.5	24.7
DISEASES OF PANCREAS	1.1	-	0.1	0.3	1.1	4.9	6.3
ALCOHOLISM	0.8	-	0.0	0.5	2.0	1.8	-
VENOUS EMBOLISM & THROMB.	0.8	-	0.1	0.2	0.9	3.2	6.7
MULTIPLE SCLEROSIS	0.8	-	0.0	0.5	1.9	2.0	-
EPILEPSY	0.7	0.1	0.1	0.7	1.0	1.8	2.2
TUBERCULOSIS	0.4	-	0.0	-	0.3	2.0	4.5
INFECTIONS OF KIDNEY	0.4	-	-	0.1	0.3	1.7	2.7
MENINGITIS	0.2	0.4	0.0	0.2	0.1	0.9	0.4
ALL OTHER CAUSES	89.9	30.6	4.6	13.3	53.2	348.4	1,247.2

* RATE PER 100,000 ESTIMATED 1989 WHITE POPULATION FOR EACH SPECIFIED AGE GROUP.
** UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11E
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - FOR RACES OTHER THAN WHITE, PENNSYLVANIA, 1989

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	975.7	532.9	93.8	354.4	1,451.7	5,150.8	8,205.4
HEART DISEASE	268.5	11.8	4.1	34.8	415.3	1,723.6	3,121.3
MALIGNANT NEOPLASMS	217.9	3.2	3.6	40.1	442.4	1,377.0	1,197.9
CEREBROVASCULAR DISEASE	58.0	-	0.5	13.2	82.5	361.9	725.5
CHRONIC OBSTR. PULM. DIS.	24.9	0.8	1.5	4.8	40.0	174.8	123.7
UNINTENTIONAL INJURIES	42.5	30.0	22.5	46.0	46.7	99.3	135.0
NON-MOTOR VEHICLE	30.2	27.6	11.8	31.5	28.6	86.9	135.0
MOTOR VEHICLE	12.2	2.4	10.6	14.5	18.1	12.4	-
PNEUMONIA & INFLUENZA	26.6	12.6	1.0	8.4	28.1	138.5	449.9
DIABETES MELLITUS	30.5	-	0.2	3.6	51.5	212.9	225.0
SEPTICEMIA	23.2	5.5	0.2	4.3	21.9	152.8	354.3
SUICIDE	10.8	-	8.0	19.1	11.4	4.8	-
NEPHRITIS, NEPHROSIS, ETC.	14.8	1.6	-	3.8	17.6	99.3	168.7
LIVER DISEASE & CIRRHOSIS	17.7	-	-	17.5	55.3	36.3	5.6
AORTIC ANEURYSM	4.4	-	-	1.3	8.1	27.7	28.1
PERINATAL CONDITIONS	26.9	268.1	0.2	-	-	-	-
ATHEROSCLEROSIS	3.6	-	-	-	0.5	20.1	129.4
HOMICIDE & LEGAL INTERV.	35.9	11.0	38.4	53.9	25.7	11.5	22.5
HIV INFECTION	19.2	3.2	2.4	44.2	23.4	5.7	-
CONGENITAL ANOMALIES	6.9	59.1	1.2	1.0	0.5	2.9	-
BENIGN/UNSPEC. NEOPLASMS	3.6	-	0.5	0.8	5.7	22.0	33.7
PARKINSONS DISEASE	2.1	-	-	-	0.5	15.3	50.6
PNEUMOCONIOSIS	0.4	-	-	-	-	3.8	5.6
HYPERTENSION	6.2	-	-	2.0	8.6	38.2	73.1
HERNIA/INTESTINAL OBSTR.	1.9	-	-	0.8	1.0	11.5	39.4
ULCERS OF STOMACH/DUODENUM	1.9	-	-	-	3.3	14.3	11.2
ANEMIAS	3.1	-	1.5	2.8	2.9	10.5	28.1
NUTRITIONAL DEFICIENCIES	2.4	-	0.2	0.5	0.5	8.6	101.2
GALL BLADDER DISORDERS	0.5	-	-	-	1.4	1.9	5.6
DISEASES OF PANCREAS	2.0	-	0.2	1.0	6.2	5.7	5.6
ALCOHOLISM	4.0	-	-	4.6	11.4	8.6	-
VENOUS EMBOLISM & THROMB.	1.2	0.8	-	-	1.0	10.5	5.6
MULTIPLE SCLEROSIS	0.7	-	-	0.8	2.4	1.0	-
EPILEPSY	1.1	-	-	1.3	2.4	1.9	11.2
TUBERCULOSIS	2.8	-	-	1.5	7.2	10.5	16.9
INFECTIONS OF KIDNEY	0.3	-	-	0.3	0.5	1.0	5.6
MENINGITIS	0.8	-	-	1.3	0.5	2.9	5.6
ALL OTHER CAUSES	108.3	125.4	7.5	40.9	125.4	533.8	1,119.2

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR RACES OTHER THAN WHITE FOR EACH SPECIFIED AGE GROUP.

**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-12
AGE-ADJUSTED DEATH RATES* FOR SELECTED CAUSES OF DEATH PENNSYLVANIA RESIDENTS, 1989 AND AVERAGE ANNUAL, 1985-1989 AND UNITED STATES, 1989

	PENNSYLVANIA		UNITED STATES
CAUSE OF DEATH	1989	1985-1989	1989
ALL CAUSES	532.5	548.9	524.1
HEART DISEASE	168.7	182.8	155.9
MALIGNANT NEOPLASMS	141.8	141.6	133.7
CEREBROVASCULAR DISEASE	25.8	28.0	28.5
CHRONIC OBSTR. PULM. DIS.	18.4	17.7	19.4
UNINTENTIONAL INJURIES	29.7	29.9	33.5
NON-MOTOR VEHICLE	14.0	14.1	14.1
MOTOR VEHICLE	15.7	15.8	19.4
PNEUMONIA & INFLUENZA	11.8	11.8	13.3
DIABETES MELLITUS	14.6	12.0	11.3
SEPTICEMIA	5.8	6.4	4.1
SUICIDE	10.9	11.1	11.7
NEPHRITIS, NEPHROSIS, ETC.	4.9	5.7	4.4
LIVER DISEASE & CIRRHOSIS	8.4	7.9	8.7
AORTIC ANEURYSM	4.0	3.9	N/A
ATHEROSCLEROSIS	2.1	2.7	3.0
HOMICIDE & LEGAL INTERV.	6.8	5.7	9.4
HIV INFECTION	5.4	N/A	8.3
PNEUMOCONIOSIS	1.6	2.0	N/A

*AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 100,000 POPULATION.

NOTE: U.S. MORTALITY DATA USED TO COMPUTE U.S. RATES ARE PROVISIONAL.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	122,956	1021.2
INFECTIOUS AND PARASITIC DISEASES	001-139	2,807	23.3
INTESTINAL INFECTIOUS DISEASES	001-009	22	0.2
TUBERCULOSIS	010-018	81	0.7
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	71	0.6
OTHER TUBERCULOSIS	013-018	10	0.1
ZOONOTIC BACTERIAL DISEASES	020-027	12	0.1
OTHER BACTERIAL DISEASES	030-041	1,724	14.3
SEPTICEMIA	038	1,664	13.8
OTHER BACTERIAL DISEASES	030-037,039-041	60	0.5
HIV (HUMAN IMMUNODEFICIENCY VIRUS) INFECTION	042-044	651	5.4
POLIOMYELITIS AND OTHER NON-ARTHROPOD VIRAL DISEASES OF THE CENTRAL NERVOUS SYSTEM	045-049	25	0.2
VIRAL DISEASES ACCOMPANIED BY EXANTHEM	050-057	13	0.1
ARTHROPOD-BORNE VIRAL DISEASES	060-066	0	-
OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	070-079	73	0.6
RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	080-088	0	-
SYPHILIS AND OTHER VENEREAL DISEASES	090-099	4	0.0
OTHER SPIROCHAETAL DISEASES	100-104	0	-
MYCOSES	110-118	112	0.9
HELMINTHIASES	120-129	1	0.0
OTHER INFECTIOUS AND PARASITIC DISEASES	130-136	70	0.6
LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	137-139	19	0.2
NEOPLASMS	140-239	29,529	245.3
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	140-149	423	3.5
OF TONGUE	141	108	0.9
OF MAJOR SALIVARY GLANDS	142	31	0.3
OF FLOOR OF MOUTH	144	14	0.1
OF OTHER AND UNSPECIFIED PARTS OF MOUTH	140,143,145	86	0.7
OF OROPHARYNX	146	54	0.4
OF NASOPHARYNX	147	31	0.3
OF HYPOPHARYNX	148	26	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY, AND PHARYNX	149	73	0.6
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	150-159	7,368	61.2
OF ESOPHAGUS	150	571	4.7
OF STOMACH	151	866	7.2
OF SMALL INTESTINE, INCLUDING DUODENUM	152	57	0.5
OF COLON	153	3,120	25.9
OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	154	483	4.0
OF LIVER AND INTRAHEPATIC BILE DUCTS	155	442	3.7
OF GALL BLADDER AND EXTRAHEPATIC BILE DUCTS	156	234	1.9
OF PANCREAS	157	1,428	11.9
OF RETROPERITONEUM AND PERITONEUM	158	19	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	159	148	1.2

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	7,811	64.9
OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	160	22	0.2
OF LARYNX	161	238	2.0
OF TRACHEA,BRONCHUS, AND LUNG	162	7,509	62.4
OF PLEURA	163	22	0.2
OF THYMUS, HEART, AND MEDIASTINUM	164	19	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	165	1	0.0
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, AND BREAST	170-175	3,295	27.4
OF BONE AND ARTICULAR CARTILAGE	170	31	0.3
OF CONNECTIVE AND OTHER SOFT TISSUE	171	164	1.4
MALIGNANT MELANOMA OF SKIN	172	350	2.9
OTHER MALIGNANT NEOPLASM OF SKIN	173	124	1.0
OF FEMALE BREAST	174	2,606	21.6
OF MALE BREAST	175	20	0.2
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	179-189	4,382	36.4
OF UTERUS, PART UNSPECIFIED	179	196	1.6
OF CERVIX UTERI	180	212	1.8
OF BODY OF UTERUS	182	193	1.6
OF OVARY AND OTHER UTERINE ADNEXA	183	745	6.2
OF PLACENTA AND OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	181,184	63	0.5
OF PROSTATE	185	1,719	14.3
OF TESTIS	186	20	0.2
OF PENIS AND OTHER MALE GENITAL ORGANS	187	10	0.1
OF BLADDER	188	642	5.3
OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	189	582	4.8
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	190-199	3,109	25.8
OF EYE	190	10	0.1
OF BRAIN	191	568	4.7
OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	192	12	0.1
OF THYROID GLAND	193	74	0.6
OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	194	35	0.3
OF OTHER AND UNSPECIFIED SITES	195-199	2,410	20.0
MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	200-208	2,676	22.2
LYMPHOSARCOMA AND RETICULOSARCOMA	200	144	1.2
HODGKIN'S DISEASE	201	96	0.8
OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	202	951	7.9
MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	203	489	4.1
LYMPHOID LEUKEMIA	204	304	2.5
MYELOID LEUKEMIA	205	386	3.2
MONOCYTIC AND OTHER SPECIFIED LEUKEMIA	206-207	33	0.3
LEUKEMIA OF UNSPECIFIED CELL TYPE	208	273	2.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
BENIGN NEOPLASMS	210-229	98	0.8
OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	225	72	0.6
OTHER BENIGN NEOPLASMS	210-224,226-229	26	0.2
CARCINOMA IN SITU	230-234	1	0.0
NEOPLASMS OF UNCERTAIN BEHAVIOR	235-238	87	0.7
NEOPLASMS OF UNSPECIFIED NATURE	239	279	2.3
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	4,321	35.9
DISORDERS OF THYROID GLAND	240-246	87	0.7
ACQUIRED HYPOTHYROIDISM	244	68	0.6
OTHER DISORDERS OF THYROID GLAND	240-243,245-246	19	0.2
DISEASES OF OTHER ENDOCRINE GLANDS	250-259	3,346	27.8
DIABETES MELLITUS	250	3,311	27.5
OTHER ENDOCRINE DISORDERS	251-259	35	0.3
NUTRITIONAL DEFICIENCIES	260-269	186	1.5
PROTEIN-CALORIE MALNUTRITION	260-263	181	1.5
OTHER NUTRITIONAL DEFICIENCIES	264-269	5	0.0
OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	270-279	702	5.8
CERTAIN SPECIFIED DISORDERS OF METABOLISM	270-275	124	1.0
DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	276	386	3.2
OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	277	77	0.6
OBESITY AND OTHER HYPERALIMENTATION	278	98	0.8
DISORDERS INVOLVING THE IMMUNE MECHANISM	279	17	0.1
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	521	4.3
HEMOLYTIC ANEMIAS	282-283	32	0.3
APLASTIC ANEMIA	284	67	0.6
OTHER AND UNSPECIFIED ANEMIAS	285	119	1.0
COAGULATION DEFECTS	286	86	0.7
PURPURA AND OTHER HEMORRHAGIC CONDITIONS	287	50	0.4
DISEASES OF WHITE BLOOD CELLS	288	36	0.3
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-281,289	131	1.1
MENTAL DISORDERS	290-319	1,124	9.3
ORGANIC PSYCHOTIC CONDITIONS	290-294	436	3.6
SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	290	424	3.5
OTHER ORGANIC PSYCHOTIC CONDITIONS	291-294	12	0.1
OTHER PSYCHOSES	295-299	158	1.3
NEUROTIC DISORDERS,PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	300-316	502	4.2
ALCOHOL DEPENDENCE SYNDROME	303	139	1.2
NONDEPENDENT ABUSE OF DRUGS	305	87	0.7
SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	310	244	2.0
OTHER NONPSYCHOTIC MENTAL DISORDERS	300-302,304,306-309,311-316	32	0.3
MENTAL RETARDATION	317-319	28	0.2

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	2,100	17.4
INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	320-326	57	0.5
BACTERIAL MENINGITIS	320	17	0.1
MENINGITIS DUE TO OTHER AND UNSPECIFIED CAUSE	321-322	19	0.2
OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	323-326	21	0.2
HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	330-337	1,398	11.6
CEREBRAL DEGENERATIONS	330-331	628	5.2
PARKINSON'S DISEASE	332	457	3.8
ANTERIOR HORN CELL DISEASE	335	241	2.0
OTHER HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	333-334,336-337	72	0.6
OTHER DISORDERS OF CENTRAL NERVOUS SYSTEM	340-349	518	4.3
MULTIPLE SCLEROSIS	340	94	0.8
INFANTILE CEREBRAL PALSY	343	28	0.2
OTHER PARALYTIC SYNDROMES	344	33	0.3
EPILEPSY	345	93	0.8
OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	341-342,346-349	270	2.2
DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-359	120	1.0
MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	359	54	0.4
OTHER DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-358	66	0.5
DISORDERS OF THE EYE AND EAR	360-389	7	0.1
DISEASES OF THE CIRCULATORY SYSTEM	390-459	55,468	460.7
ACUTE RHEUMATIC FEVER	390-392	1	0.0
CHRONIC RHEUMATIC HEART DISEASE	393-398	432	3.6
DISEASES OF MITRAL VALVE	394	194	1.6
DISEASES OF AORTIC VALVE	395	6	0.0
DISEASES OF MITRAL AND AORTIC VALVES	396	74	0.6
DISEASES OF OTHER ENDOCARDIAL STRUCTURES	397	39	0.3
OTHER RHEUMATIC HEART DISEASE	393,398	119	1.0
HYPERTENSIVE DISEASE	401-405	1,501	12.5
ESSENTIAL HYPERTENSION	401	222	1.8
HYPERTENSIVE HEART DISEASE	402	986	8.2
HYPERTENSIVE RENAL DISEASE	403	189	1.6
HYPERTENSIVE HEART AND RENAL DISEASE	404	104	0.9
SECONDARY HYPERTENSION	405	0	-
ISCHEMIC HEART DISEASE	410-414	29,808	247.6
ACUTE MYOCARDIAL INFARCTION	410	16,538	137.4
OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	411	113	0.9
OLD MYOCARDIAL INFARCTION	412	67	0.6
ANGINA PECTORIS	413	60	0.5
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	414	13,030	108.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF PULMONARY CIRCULATION	415-417	781	6.5
ACUTE PULMONARY HEART DISEASE	415	622	5.2
CHRONIC PULMONARY HEART DISEASE	416	152	1.3
OTHER DISEASES OF PULMONARY CIRCULATION	417	7	0.1
OTHER FORMS OF HEART DISEASES	420-429	12,672	105.2
ACUTE PERICARDITIS AND OTHER DISEASES OF PERICARDIUM	420,423	22	0.2
ACUTE AND SUBACUTE ENDOCARDITIS	421	69	0.6
OTHER DISEASES OF ENDOCARDIUM	424	869	7.2
CARDIOMYOPATHY	425	1,315	10.9
CONDUCTION DISORDERS	426	60	0.5
CARDIAC DYSRHYTHMIAS	427	2,716	22.6
HEART FAILURE	428	2,156	17.9
OTHER AND ILL-DEFINED HEART DISEASE	422,429	5,465	45.4
CEREBROVASCULAR DISEASE	430-438	7,683	63.8
SUBARACHNOID HEMORRHAGE	430	363	3.0
INTRACEREBRAL HEMORRHAGE	431	1,006	8.4
OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	432	135	1.1
OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	433	68	0.6
OCCLUSION OF CEREBRAL ARTERIES	434	1,216	10.1
TRANSIENT CEREBRAL ISCHEMIA	435	21	0.2
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	436	4,127	34.3
OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	437	564	4.7
LATE EFFECTS OF CEREBROVASCULAR DISEASE	438	183	1.5
DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	440-448	2,332	19.4
ATHEROSCLEROSIS	440	827	6.9
AORTIC ANEURYSM	441	996	8.3
OTHER ANEURYSM	442	38	0.3
OTHER PERIPHERAL VASCULAR DISEASE	443	286	2.4
ARTERIAL EMBOLISM AND THROMBOSIS	444	77	0.6
POLYARTERITIS NODOSA AND ALLIED CONDITIONS	446	36	0.3
OTHER DISORDERS OF ARTERIES AND ARTERIOLES	447	71	0.6
DISEASES OF CAPILLARIES	448	1	0.0
DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	451-459	258	2.1
PHLEBITIS AND THROMBOPHLEBITIS	451	81	0.7
OTHER VENOUS EMBOLISM AND THROMBOSIS	452-453	23	0.2
VARICOSE VEINS	454-456	44	0.4
HYPOTENSION	458	55	0.5
OTHER DISORDERS OF CIRCULATORY SYSTEM	457,459	55	0.5
DISEASES OF THE RESPIRATORY SYSTEM	460-519	10,300	85.5
ACUTE RESPIRATORY INFECTIONS	460-466	42	0.3
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	30	0.2
OTHER ACUTE RESPIRATORY INFECTIONS	460-465	12	0.1
OTHER DISEASES OF UPPER RESPIRATORY TRACT	470-478	21	0.2
PNEUMONIA AND INFLUENZA	480-487	3,949	32.8
VIRAL PNEUMONIA	480	19	0.2
PNEUMOCOCCAL PNEUMONIA	481	118	1.0
OTHER BACTERIAL PNEUMONIA	482	127	1.1
BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	485	247	2.1
PNEUMONIA, OTHER AND UNSPECIFIED	483,484,486	3,354	27.9
INFLUENZA	487	84	0.7

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	490-496	4,496	37.3
BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	490	48	0.4
CHRONIC BRONCHITIS	491	118	1.0
EMPHYSEMA	492	674	5.6
ASTHMA	493	232	1.9
BRONCHIECTASIS	494	47	0.4
EXTRINSIC ALLERGIC ALVEOLITIS AND OTHER CHRONIC AIRWAY OBSTRUCTIONS	495-496	3,377	28.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	500-508	921	7.6
COALWORKER'S PNEUMOCONIOSIS	500	390	3.2
ASBESTOSIS AND PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	501-502	44	0.4
PNEUMOCONIOSIS, OTHER AND UNSPECIFIED	503-505	11	0.1
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	507	471	3.9
RESPIRATORY CONDITIONS DUE TO OTHER AND UNSPECIFIED EXTERNAL AGENTS	506,508	5	0.0
OTHER DISEASES OF RESPIRATORY SYSTEM	510-519	871	7.2
EMPYEMA	510	31	0.3
PLEURISY	511	53	0.4
PNEUMOTHORAX	512	24	0.2
ABSCESS OF LUNG AND MEDIASTINUM	513	35	0.3
PULMONARY CONGESTION AND HYPOSTASIS	514	53	0.4
POSTINFLAMMATORY PULMONARY FIBROSIS	515	230	1.9
OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	516	35	0.3
OTHER DISEASES OF THE LUNG	517-518	352	2.9
OTHER DISEASES OF RESPIRATORY SYSTEM	519	58	0.5
DISEASES OF THE DIGESTIVE SYSTEM	520-579	4,251	35.3
DISEASES OF ORAL CAVITY, SALIVARY GLANDS, AND JAWS	520-529	2	0.0
DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	530-537	448	3.7
DISEASES OF ESOPHAGUS	530	86	0.7
GASTRIC ULCER	531	98	0.8
DUODENAL ULCER	532	103	0.9
PEPTIC ULCER, SITE UNSPECIFIED	533	111	0.9
OTHER DISORDERS OF STOMACH AND DUODENUM	534-537	50	0.4
APPENDICITIS	540-543	20	0.2
HERNIA OF ABDOMINAL CAVITY	550-553	73	0.6
NONINFECTIVE ENTERITIS AND COLITIS	555-558	518	4.3
IDIOPATHIC PROCTOCOLITIS	556	29	0.2
VASCULAR INSUFFICIENCY OF INTESTINE	557	403	3.3
OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	555,558	86	0.7
OTHER DISEASES OF INTESTINES AND PERITONEUM	560-569	661	5.5
INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	560	246	2.0
DIVERTICULA OF INTESTINE	562	175	1.5
PERITONITIS	567	80	0.7
OTHER DISORDERS OF PERITONEUM	568	15	0.1
OTHER DISORDERS OF INTESTINE	564-566,569	145	1.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
OTHER DISEASES OF DIGESTIVE SYSTEM	570-579	2,529	21.0
ACUTE AND SUBACUTE NECROSIS OF LIVER	570	17	0.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1,348	11.2
LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	572	212	1.8
OTHER DISORDERS OF LIVER	573	109	0.9
CHOLELITHIASIS	574	65	0.5
OTHER DISORDERS OF GALL BLADDER	575	97	0.8
OTHER DISORDERS OF BILIARY TRACT	576	70	0.6
DISEASES OF PANCREAS	577	147	1.2
GASTROINTESTINAL HEMORRHAGE	578	456	3.8
INTESTINAL MALABSORPTION	579	8	0.1
DISEASES OF THE GENITOURINARY SYSTEM	580-629	2,501	20.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	1,357	11.3
CHRONIC GLOMERULONEPHRITIS	582	47	0.4
NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	583	17	0.1
ACUTE RENAL FAILURE	584	284	2.4
CHRONIC RENAL FAILURE	585	269	2.2
RENAL FAILURE, UNSPECIFIED	586	720	6.0
OTHER RENAL DISORDERS	580-581,587-589	20	0.2
OTHER DISEASES OF URINARY SYSTEM	590-599	1,093	9.1
INFECTIONS OF KIDNEY	590	43	0.4
CALCULUS OF KIDNEY AND URETER	592	18	0.1
OTHER DISORDERS OF KIDNEY AND URETER	591,593	239	2.0
OTHER DISORDERS OF URETHRA AND URINARY TRACT	594-599	793	6.6
DISEASES OF MALE GENITAL ORGANS	600-608	37	0.3
HYPERPLASIA OF PROSTATE	600	23	0.2
OTHER DISORDERS OF MALE GENITAL ORGANS	601-608	14	0.1
DISORDERS OF THE BREAST	610-611	2	0.0
INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	614-616	5	0.0
OTHER DISORDERS OF FEMALE GENITAL TRACT	617-629	7	0.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	13	0.8
PREGNANCY WITH ABORTIVE OUTCOME	630-639	4	0.2
INDUCED ABORTION	635-636	0	-
OTHER ABORTION, ECTOPIC, AND MOLAR PREGNANCIES	630-634,637-639	4	0.2
COMPLICATIONS MAINLY RELATED TO PREGNANCY	640-648	5	0.3
OTHER INDICATIONS FOR CARE IN PREGNANCY, LABOR, AND DELIVERY	650-659	0	-
COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOR AND DELIVERY	660-669	2	0.1
COMPLICATIONS OF THE PUERPERIUM	670-676	2	0.1

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

**RATE PER 100,000 ESTIMATED 1989 POPULATION.
MATERNAL DEATH RATE (ICD CODES 630-676) PER 10,000 LIVE BIRTHS.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	289	2.4
INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	680-686	56	0.5
CELLULITIS AND ABSCESS	680-682	47	0.4
OTHER INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	683-686	9	0.1
OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	690-698	22	0.2
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-709	211	1.8
CHRONIC ULCER OF SKIN	707	211	1.8
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-706,708-709	0	-
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	433	3.6
ARTHROPATHIES AND RELATED DISORDERS	710-719	274	2.3
DIFFUSE DISEASES OF CONNECTIVE TISSUE	710	133	1.1
RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	714	105	0.9
OTHER ARTHROPATHIES AND RELATED DISORDERS	711-713,715-719	36	0.3
DORSOPATHIES	720-724	6	0.0
RHEUMATISM, EXCLUDING BACK	725-729	41	0.3
OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	730-739	112	0.9
CONGENITAL ANOMALIES	740-759	557	4.6
ANENCEPHALUS AND SIMILAR ANOMALIES	740	14	0.1
SPINA BIFIDA	741	5	0.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	742	32	0.3
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	65	0.5
OTHER CONGENITAL ANOMALIES OF HEART	746	139	1.2
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	51	0.4
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	68	0.6
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	31	0.3
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	27	0.2
CHROMOSOMAL ANOMALIES	758	63	0.5
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	743-744,749-751,757,759	62	0.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SEE TABLE C-14 FOR DETAILS.)	760-779	896	7.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	1,099	9.1
SYMPTOMS	780-789	182	1.5
SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	785	110	0.9
OTHER SYMPTOMS	780-784,786-789	72	0.6

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
NONSPECIFIED ABNORMAL FINDINGS	790-796	4	0.0
ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	797-799	913	7.6
SENILITY WITHOUT MENTION OF PSYCHOSIS	797	25	0.2
SUDDEN DEATH, CAUSE UNKNOWN	798	238	2.0
OTHER ILL-DEFINED AND UNKNOWN CAUSE OF MORTALITY	799	650	5.4
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	6,747	56.0
UNINTENTIONAL INJURIES	800-949	4,365	36.3
RAILWAY	800-807	17	0.1
MOTOR VEHICLE-TRAFFIC	810-819	1,914	15.9
INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	811-812	750	6.2
INVOLVING COLLISION WITH ANOTHER VEHICLE	810,813	34	0.3
INVOLVING COLLISION WITH PEDESTRIAN	814	269	2.2
OTHER INVOLVING COLLISION ON THE HIGHWAY	815	343	2.8
DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	816	127	1.1
OTHER NONCOLLISION	817-818	61	0.5
UNSPECIFIED NATURE	819	330	2.7
MOTOR VEHICLE-NONTRAFFIC	820-825	26	0.2
OTHER ROAD VEHICLE	826-829	5	0.0
WATER TRANSPORT	830-838	17	0.1
AIR AND SPACE TRANSPORT	840-845	38	0.3
DUE TO POWERED AIRCRAFT	840-841	37	0.3
OTHER AIR AND SPACE TRANSPORT	842-845	1	0.0
VEHICLE NOT ELSEWHERE CLASSIFIABLE	846-848	5	0.0
POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS	850	45	0.4
POISONING BY OTHER DRUGS, MEDICAMENTS, AND BIOLOGICALS	851-858	295	2.5
POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-869	52	0.4
POISONING BY UTILITY GAS AND OTHER CARBON MONOXIDE	868	33	0.3
POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-867,869	19	0.2
MISADVENTURE TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	15	0.1
CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	870	10	0.1
OTHER AND UNSPECIFIED MISADVENTURE DURING MEDICAL CARE	871-876	5	0.0
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	878-879	212	1.8
SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES	878	167	1.4
OTHER PROCEDURES	879	45	0.4
FALLS	880-888	680	5.6
FALL ON OR FROM STAIRS OR STEPS	880	141	1.2
FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	882	30	0.2
OTHER FALL FROM ONE LEVEL TO ANOTHER	881,883-884	65	0.5
FRACTURE, CAUSE UNSPECIFIED	887	230	1.9
OTHER AND UNSPECIFIED FALL	885-886,888	214	1.8

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
FIRE AND FLAMES	890-899	250	2.1
CONFLAGRATION IN PRIVATE DWELLING	890	228	1.9
OTHER FIRE AND FLAMES	891-899	22	0.2
NATURAL AND ENVIRONMENTAL FACTORS	900-909	55	0.5
EXCESSIVE COLD	901	40	0.3
OTHER NATURAL AND ENVIRONMENTAL FACTORS	900,902-909	15	0.1
SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	377	3.1
DROWNING AND SUBMERSION	910	116	1.0
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	66	0.5
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	166	1.4
MECHANICAL SUFFOCATION	913	28	0.2
FOREIGN BODY ENTERING ORIFACE	914-915	1	0.0
OTHER UNINTENTIONAL INJURIES	916-928	322	2.7
STRUCK BY FALLING OBJECT	916	41	0.3
CAUSED BY MACHINERY	919	54	0.4
CAUSED BY FIREARM MISSILE	922	21	0.2
CAUSED BY ELECTRIC CURRENT	925	38	0.3
OTHER AND UNSPECIFIED CAUSES	917-918,920-921 923-924,926-928	168	1.4
LATE EFFECTS OF UNINTENTIONAL INJURY	929	31	0.3
DRUGS, MEDICAMENTS, AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	9	0.1
SUICIDE	950-959	1,439	12.0
BY SOLID OR LIQUID SUBSTANCES	950	175	1.5
BY GASES AND VAPORS	951-952	119	1.0
BY HANGING, STRANGULATION, AND SUFFOCATION	953	248	2.1
BY SUBMERSION (DROWNING)	954	20	0.2
BY FIREARMS AND EXPLOSIVES	955	778	6.5
BY JUMPING FROM HIGH PLACE	957	39	0.3
BY OTHER AND UNSPECIFIED MEANS AND LATE EFFECTS	956,958-959	60	0.5
HOMICIDE	960-969	777	6.5
ASSAULT BY HANGING AND STRANGULATION	963	39	0.3
ASSAULT BY FIREARMS AND EXPLOSIVES	965	446	3.7
ASSAULT BY CUTTING AND PIERCING INSTRUMENT	966	146	1.2
OTHER INJURIES AND LATE EFFECTS	960-962,964,967-969	146	1.2
LEGAL INTERVENTION	970-978	5	0.0
INJURY UNDETERMINED WHETHER UNINTENTIONALLY OR PURPOSELY INFLICTED	980-989	160	1.3
POISONING BY SOLID OR LIQUID SUBSTANCES	980	83	0.7
POISONING BY GASES	981-982	15	0.1
SUBMERSION (DROWNING)	984	18	0.1
INJURY BY FIREARMS AND EXPLOSIVES	985	12	0.1
OTHER INJURIES AND LATE EFFECTS	983,986-989	32	0.3
INJURY RESULTING FROM OPERATIONS OF WAR	990-999	1	0.0

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

**RATE PER 100,000 ESTIMATED 1989 POPULATION.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1989

		INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
CAUSE OF DEATH	ICD CODE*	NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999	1,696	10.1	734	256	181	525
INFECTIOUS AND PARASITIC DISEASES	001-139	32	0.2	0	1	4	27
SEPTICEMIA	038	12	0.1	0	0	0	12
HIV (HUMAN IMMUNODEFICIENCY VIRUS) INFECTION	042-044	5	0.0	0	0	0	5
NEOPLASMS	140-239	5	0.0	0	0	0	5
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	15	0.1	3	3	3	6
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	2	0.0	0	1	0	1
MENTAL DISORDERS	290-319	1	0.0	0	0	0	1
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	32	0.2	0	1	3	28
MENINGITIS	320-322	3	0.0	0	0	0	3
DISEASES OF THE CIRCULATORY SYSTEM	390-459	44	0.3	3	10	6	25
CARDIAC DYSRHYTHMIAS	427	13	0.1	0	1	0	12
DISEASES OF THE RESPIRATORY SYSTEM	460-519	40	0.2	2	4	3	31
PNEUMONIA	480-486	25	0.1	1	2	3	19
DISEASES OF THE DIGESTIVE SYSTEM	520-579	10	0.1	2	0	2	6
NONINFECTIVE ENTERITIS AND COLITIS	555-558	5	0.0	0	0	1	4
DISEASES OF THE GENITOURINARY SYSTEM	580-629	7	0.0	1	2	1	3
DISEASES OF THE CUTANEOUS AND MUSCULOSKELETAL SYSTEMS	680-739	0	-	0	0	0	0
CONGENITAL ANOMALIES	740-759	339	2.0	121	90	47	81
ANENCEPHALUS AND SIMILAR ANOMALIES	740	14	0.1	14	0	0	0
SPINA BIFIDA	741	2	0.0	2	0	0	0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	14	0.1	3	3	3	5
MICROCEPHALUS	742.1	1	0.0	0	1	0	0
CONGENITAL HYDROCEPHALUS	742.3	4	0.0	1	1	1	1

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

		INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
CAUSE OF DEATH	ICD CODE*	NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	19	0.1	0	1	3	15
TRANSPOSITION OF GREAT VESSELS	745.1	3	0.0	0	0	2	1
TETRALOGY OF FALLOT	745.2	6	0.0	0	0	0	6
OTHER CONGENITAL ANOMALIES OF HEART	746	85	0.5	9	26	20	30
HYPOPLASTIC LEFT HEART SYNDROME	746.7	24	0.1	3	14	4	3
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	17	0.1	0	7	2	8
COARCTATION OF AORTA	747.1	2	0.0	0	1	0	1
ANOMALIES OF PULMONARY ARTERY	747.3	6	0.0	0	3	1	2
ANOMALIES OF GREAT VEINS	747.4	2	0.0	0	0	0	2
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	64	0.4	34	19	7	4
ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS	748.2-748.3	1	0.0	0	1	0	0
AGENESIS, HYPOPLASIA, AND DYSPLASIA OF LUNG	748.5	58	0.3	33	18	5	2
CONGENITAL ANOMALIES OF UPPER ALIMENTARY SYSTEM	749-750	5	0.0	1	2	1	1
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	751	5	0.0	1	2	1	1
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	17	0.1	13	3	1	0
RENAL AGENESIS AND DYSGENESIS	753.0	12	0.1	10	2	0	0
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	25	0.1	14	7	2	2
ANOMALIES OF DIAPHRAGM	756.6	19	0.1	13	6	0	0
CONGENITAL ANOMALIES OF THE INTEGUMENT	757	0	-	0	0	0	0
CHROMOSOMAL ANOMALIES	758	45	0.3	12	17	7	9
DOWN SYNDROME	758.0	2	0.0	1	1	0	0
PATAU'S SYNDROME	758.1	11	0.1	5	3	2	1
EDWARD'S SYNDROME	758.2	28	0.2	4	13	4	7
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	759	27	0.2	18	3	0	6
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	17	0.1	13	2	0	2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	889	5.3	598	143	88	60
NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	8	0.0	7	0	0	1
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	88	0.5	86	2	0	0
INCOMPETENT CERVIX	761.0	12	0.1	12	0	0	0
PREMATURE RUPTURE OF MEMBRANES	761.1	22	0.1	21	1	0	0
MULTIPLE PREGNANCY	761.5	48	0.3	47	1	0	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

		INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
CAUSE OF DEATH	ICD CODE*	NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	53	0.3	48	4	1	0
PLACENTA PREVIA	762.0	3	0.0	3	0	0	0
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	22	0.1	19	2	1	0
PROLAPSED CORD AND OTHER COMPRESSION OF UMBILICAL CORD	762.4-762.5	4	0.0	4	0	0	0
CHORIOAMNIONITIS	762.7	23	0.1	21	2	0	0
NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	2	0.0	2	0	0	0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	0	-	0	0	0	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	210	1.2	200	5	3	2
EXTREME IMMATURITY	765.0	159	0.9	152	2	3	2
OTHER PRETERM INFANT	765.1	51	0.3	48	3	0	0
DISORDERS RELATING TO LONG GESTATION AND HIGH BIRTH WEIGHT	766	0	-	0	0	0	0
BIRTH TRAUMA	767	15	0.1	6	4	4	1
SUBDURAL AND CEREBRAL HEMORRHAGE	767.0	14	0.1	5	4	4	1
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	34	0.2	17	12	4	1
FETAL DISTRESS	768.2-768.4	12	0.1	6	3	2	1
BIRTH ASPHYXIA	768.5-768.9	22	0.1	11	9	2	0
RESPIRATORY DISTRESS SYNDROME	769	167	1.0	72	64	22	9
OTHER RESPIRATORY CONDITIONS OF NEWBORN	770	149	0.9	69	25	17	38
CONGENITAL PNEUMONIA	770.0	1	0.0	0	0	1	0
MASSIVE ASPIRATION SYNDROME	770.1	9	0.1	3	2	3	1
INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS	770.2	11	0.1	2	2	6	1
PRIMARY ATELECTASIS	770.4	23	0.1	16	5	0	2
CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	770.7	39	0.2	3	0	2	34
OTHER AND UNSPECIFIED RESPIRATORY PROBLEMS DURING PERINATAL PERIOD	770.3,770.5,770.8,770.9	66	0.4	45	16	5	0
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	29	0.2	8	5	14	2
NEONATAL HEMORRHAGE	772	9	0.1	4	4	1	0
INTRAVENTRICULAR HEMORRHAGE	772.1	5	0.0	2	3	0	0
HEMOLYTIC DISEASE OF NEWBORN DUE TO ISOIMMUNIZATION AND OTHER PERINATAL JAUNDICE	773-774	0	-	0	0	0	0
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE NEWBORN	775	0	-	0	0	0	0

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* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1989 (CONTINUED)

		INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
CAUSE OF DEATH	ICD CODE*	NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
HEMATOLOGICAL DISORDERS OF NEWBORN	776	4	0.0	1	2	1	0
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	777	21	0.1	0	3	15	3
NECROTIZING ENTEROCOLITIS IN NEWBORN	777.5	18	0.1	0	3	12	3
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF NEWBORN	778	6	0.0	1	2	2	1
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	779	94	0.6	77	11	4	2
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	235	1.4	3	1	22	209
SUDDEN INFANT DEATH SYNDROME	798.0	227	1.4	1	1	20	205
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	45	0.3	1	0	2	42
UNINTENTIONAL INJURIES	800-949	22	0.1	1	0	1	20
MOTOR VEHICLE	810-825	2	0.0	0	0	0	2
OTHER TRANSPORT	800-807,826-848	0	-	0	0	0	0
POISONING	850-869	1	0.0	0	0	0	1
MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	0	-	0	0	0	0
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION	878-879	1	0.0	0	0	0	1
FALLS	880-888	1	0.0	0	0	0	1
FIRE AND FLAMES	890-899	2	0.0	0	0	0	2
NATURAL AND ENVIRONMENTAL FACTORS	900-909	0	-	0	0	0	0
SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	12	0.1	1	0	1	10
DROWNING AND SUBMERSION	910	1	0.0	1	0	0	0
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	1	0.0	0	0	0	1
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	1	0.0	0	0	0	1
MECHANICAL SUFFOCATION	913	9	0.1	0	0	1	8
OTHER AND LATE EFFECTS OF UNINTENTIONAL INJURIES	916-929	3	0.0	0	0	0	3
DRUGS, MEDICAMENTS, AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	0	-	0	0	0	0
HOMICIDE	960-969	13	0.1	0	0	1	12
INJURY UNDETERMINED WHETHER UNINTENTIONALLY OR PURPOSELY INFLICTED	980-989	10	0.1	0	0	0	10

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-15
RESIDENT FETAL DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1989

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	2,789	16.3
CONGENITAL ANOMALIES	740-759	171	1.0
ANENCEPHALUS AND SIMILAR ANOMALIES	740	45	0.3
SPINA BIFIDA	741	2	0.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	13	0.1
CONGENITAL HYDROCEPHALUS	742.3	10	0.1
CHROMOSOMAL ANOMALIES	758	34	0.2
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	745-757,759	77	0.5
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	56	0.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	2,616	15.3
FETUS AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	92	0.5
MATERNAL HYPERTENSIVE DISORDERS	760.0	34	0.2
MATERNAL INFECTIONS	760.2	6	0.0
MATERNAL INJURY	760.5	17	0.1
FETUS AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	246	1.5
INCOMPETENT CERVIX	761.0	44	0.3
PREMATURE RUPTURE OF MEMBRANES	761.1	171	1.0
POLYHYDRAMNIOS	761.3	1	0.0
MULTIPLE PREGNANCY	761.5	14	0.1
FETUS AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	593	3.5
PLACENTA PRAEVIA	762.0	12	0.1
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	170	1.0
OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNCTIONAL ABNORMALITIES OF PLACENTA	762.2	46	0.3
PLACENTAL TRANSFUSION SYNDROMES	762.3	5	0.0
PROLAPSED CORD	762.4	19	0.1
OTHER COMPRESSION OF UMBILICAL CORD	762.5	116	0.7
OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	762.6	158	0.9
CHORIOAMNIONITIS	762.7	67	0.4
FETUS AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	4	0.0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	4	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	167	1.0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	41	0.2
RESPIRATORY DISTRESS SYNDROME	769	0	-
OTHER RESPIRATORY CONDITIONS OF FETUS	770	0	-
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	7	0.0
FETAL HEMORRHAGE	772	0	-
HEMOLYTIC DISEASE OF FETUS DUE TO ISOIMMUNIZATION	773	0	-
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS	775	10	0.1
MATERNAL DIABETES MELLITUS AFFECTING FETUS	775.0	10	0.1
HEMATOLOGICAL DISORDERS OF FETUS	776	2	0.0
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	766-767,774,777-779	1,450	8.6
TERMINATION OF PREGNANCY	779.6	871	5.2
OTHER AND UNKNOWN CAUSES	001-739,780-999	2	0.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-16A
HEART DISEASE DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE
1989	44,784	372.0	735,450**	296.3
1988	47,810	398.3	765,156	311.3
1987	47,381	396.9	760,353	312.4
1986	47,991	403.7	765,490	317.5
1985	48,692	410.4	771,169	323.0
1984	48,645	408.8	765,114	323.5
1983	49,780	418.5	770,432	329.2
1982	48,470	407.8	755,592	326.0
1981	48,786	411.2	753,884	328.7
1980	50,677	427.2	761,085	336.0
1979	48,407	412.7	733,235	326.5
1978	48,573	413.3	729,510	334.3
1977	48,444	411.1	718,850	332.3
1976	49,730	419.2	723,878	337.2
1975	49,323	417.0	716,215	336.2
1974	50,625	427.7	738,171	349.2
1973	52,730	443.0	757,075	360.8
1972	53,098	445.2	755,864	363.0
1971	53,222	448.0	743,368	360.5
1970	52,476	444.7	735,542	362.0
1969	52,816	447.5	739,265	367.1
1968	54,398	462.7	744,658	373.5
1967	53,121	456.1	721,268	364.5
1966	53,874	462.7	727,002	371.2
1965	52,685	456.7	712,087	367.4
1964	52,078	454.5	699,861	365.7
1963	53,495	468.3	707,830	375.2
1962	52,751	463.7	688,009	370.1
1961	51,735	451.1	663,391	362.4
1960	51,431	454.4	661,712	369.0
1959	50,196	443.3	641,044	363.2
1958	49,673	447.5	637,246	367.7
1957	49,393	442.4	628,504	369.6
1956	47,796	429.4	602,995	361.1
1955	46,690	421.8	584,620	356.5
1954	44,382	407.3	560,077	348.3
1953	45,784	422.8	570,275	361.2
1952	44,246	412.2	555,141	357.4
1951	44,443	419.4	545,675	356.8
1950	43,793	416.4	535,705	356.8

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-9
HEART DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

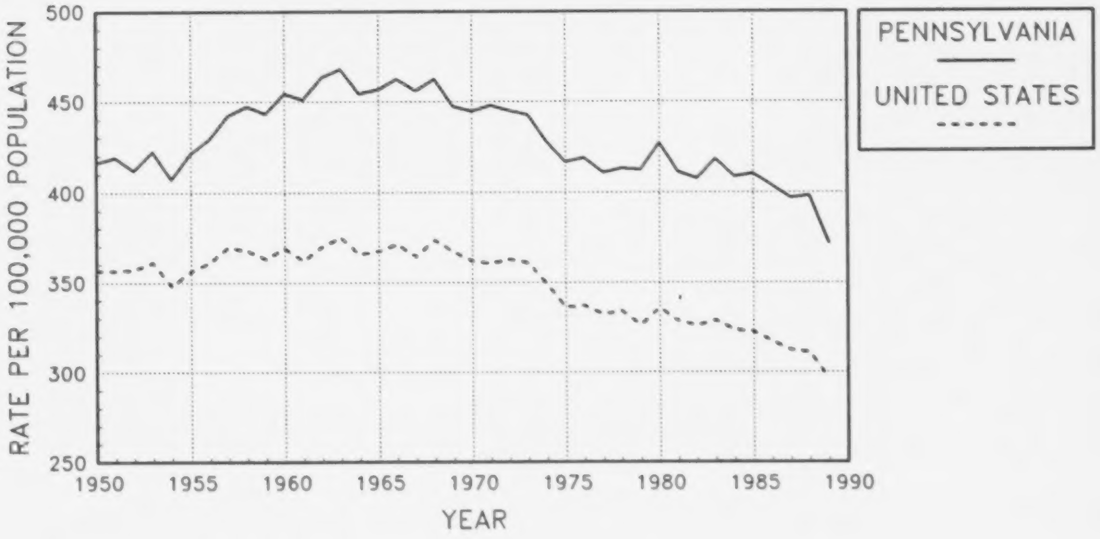

TABLE C-16B
RESIDENT HEART DISEASE DEATHS BY TYPE AND SEX NUMBER AND PERCENT: PENNSYLVANIA, 1989

TYPE OF HEART DISEASE*	TOTAL	MALE**		FEMALE	
		NUMBER	PERCENT	NUMBER	PERCENT
TOTAL HEART DISEASE	44,784	21,904	100.0	22,880	100.0
RHEUMATIC HEART DISEASE	433	116	0.5	317	1.4
HEART DISEASE WITH HYPERTENSION	1,090	443	2.0	647	2.8
ACUTE MYOCARDIAL INFARCTION	16,538	8,830	40.3	7,708	33.7
ISCHEMIC EXCL. MYOCARDIAL INFARCT.	13,270	6,286	28.7	6,984	30.5
DISEASES OF PULMONARY CIRCULATION	781	353	1.6	428	1.9
OTHER HEART DISEASE	12,672	5,876	26.8	6,796	29.7

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
RHEUMATIC HEART DISEASE=390-398
HEART DISEASE WITH HYPERTENSION=402,404
ACUTE MYOCARDIAL INFARCTION=410
ISCHEMIC EXCL. MYOCARDIAL INFARCTION=411-414
DISEASES OF PULMONARY CIRCULATION=415-417
OTHER HEART DISEASE=420-429
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

FIGURE C-10
RESIDENT HEART DISEASE DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1989

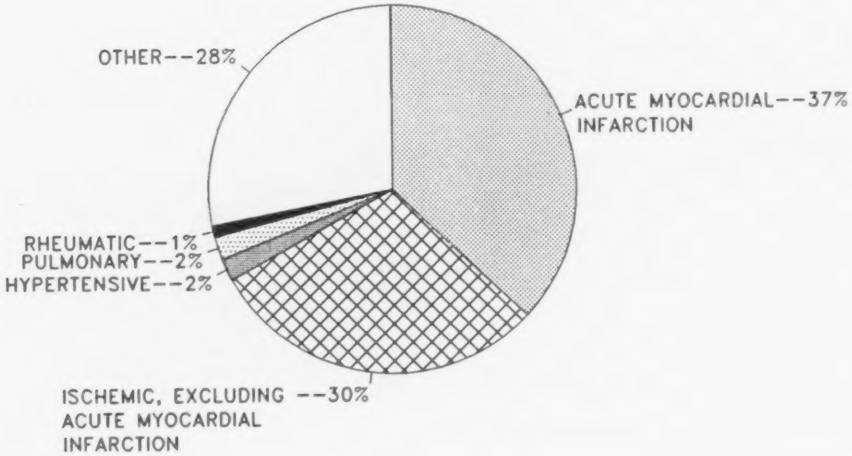

TABLE C-17A
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE
1989	29,064	241.4	497,220**	200.3
1988	28,316	235.9	485,048	197.3
1987	28,767	241.0	476,927	195.9
1986	28,037	235.8	469,376	194.7
1985	27,901	235.2	461,563	193.3
1984	27,468	230.8	453,492	191.8
1983	26,917	226.3	442,986	189.3
1982	26,483	222.8	433,795	187.2
1981	26,059	219.6	422,094	184.0
1980	26,040	219.5	416,509	183.9
1979	25,374	216.3	403,395	179.6
1978	25,376	215.9	396,992	181.9
1977	24,244	205.7	386,686	178.7
1976	24,175	203.8	377,312	175.8
1975	23,547	199.1	365,693	171.6
1974	23,239	196.4	360,472	170.5
1973	22,709	190.8	351,055	167.3
1972	22,733	190.6	345,618	166.0
1971	22,364	188.3	337,398	163.6
1970	22,013	186.5	330,730	162.3
1969	22,124	187.4	323,092	160.4
1968	22,065	187.7	318,547	159.8
1967	21,450	184.2	310,983	157.2
1966	21,182	182.0	303,736	155.1
1965	20,767	180.0	297,588	153.5
1964	20,611	179.9	289,577	151.3
1963	20,316	177.8	285,362	151.3
1962	20,003	175.8	278,562	149.9
1961	19,933	173.8	273,502	149.4
1960	19,612	173.3	267,627	149.2
1959	19,218	169.7	260,047	147.3
1958	18,856	169.9	254,426	146.8
1957	19,066	170.8	253,183	148.7
1956	18,726	168.2	247,357	147.9
1955	18,259	164.0	240,681	146.5
1954	17,974	165.0	234,669	145.6
1953	17,531	161.9	229,079	144.7
1952	17,335	161.5	223,277	143.3
1951	16,678	157.4	215,525	140.5
1950	16,326	155.2	210,733	139.8

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-11
MALIGNANT NEOPLASM DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

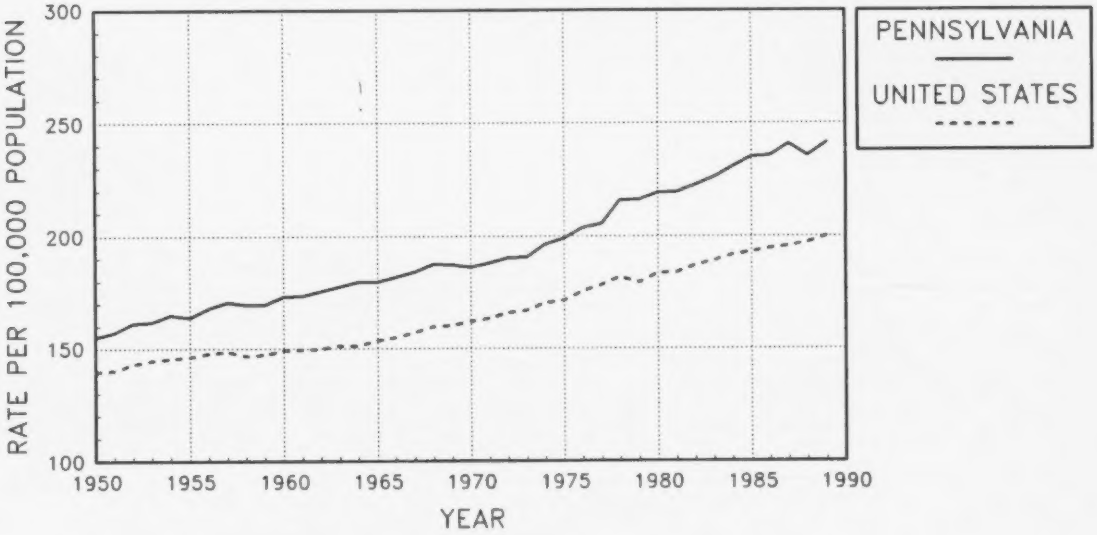

TABLE C-17B
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - MALES*
PENNSYLVANIA, 1989

		AGE AT DEATH (IN YEARS)								
MALIGNANT NEOPLASM SITE**	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+ ***
TOTAL MALIGNANT NEOPLASMS	15,146	12	26	39	102	336	1,014	3,059	5,211	5,347
BUCCAL CAVITY & PHARYNX	270	0	0	2	2	12	32	81	93	48
DIGESTIVE SYSTEM	3,849	0	0	2	11	73	247	756	1,305	1,455
RESPIRATORY SYSTEM	5,149	0	0	2	4	82	380	1,252	1,956	1,473
BONE, TISSUE, SKIN & BREAST	412	0	4	7	17	36	55	95	99	99
GENITOURINARY SYSTEM	2,531	2	1	2	10	21	66	270	801	1,358
OTHER & UNSPECIFIED SITES	1,595	5	10	4	16	56	141	362	536	465
LEUKEMIA	530	5	8	8	18	15	37	91	172	176
LYMPHATIC & HEMATOPOIETIC	810	0	3	12	24	41	56	152	249	273

TABLE C-17C
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - FEMALES
PENNSYLVANIA, 1989

		AGE AT DEATH (IN YEARS)								
MALIGNANT NEOPLASM SITE**	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+ ***
TOTAL MALIGNANT NEOPLASMS	13,918	13	14	34	111	406	991	2,417	4,288	5,644
BUCCAL CAVITY & PHARYNX	153	0	0	0	0	8	13	33	40	59
DIGESTIVE SYSTEM	3,519	0	0	4	13	37	176	439	1,039	1,811
RESPIRATORY SYSTEM	2,662	0	1	0	2	43	189	592	994	841
BONE, TISSUE, SKIN & BREAST	2,883	1	2	5	37	182	327	568	814	947
GENITOURINARY SYSTEM	1,851	0	0	4	21	58	121	357	563	727
OTHER & UNSPECIFIED SITES	1,514	8	3	8	18	41	100	245	448	643
LEUKEMIA	466	4	6	10	9	14	29	61	123	210
LYMPHATIC & HEMATOPOIETIC	870	0	2	3	11	23	36	122	267	406

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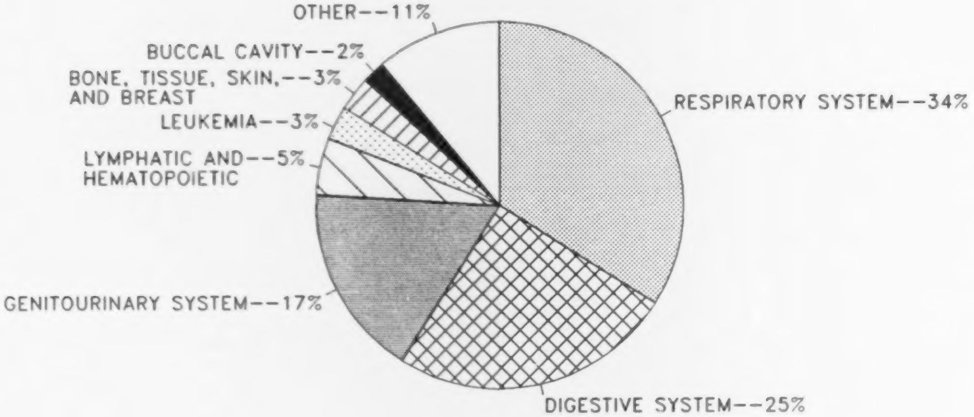
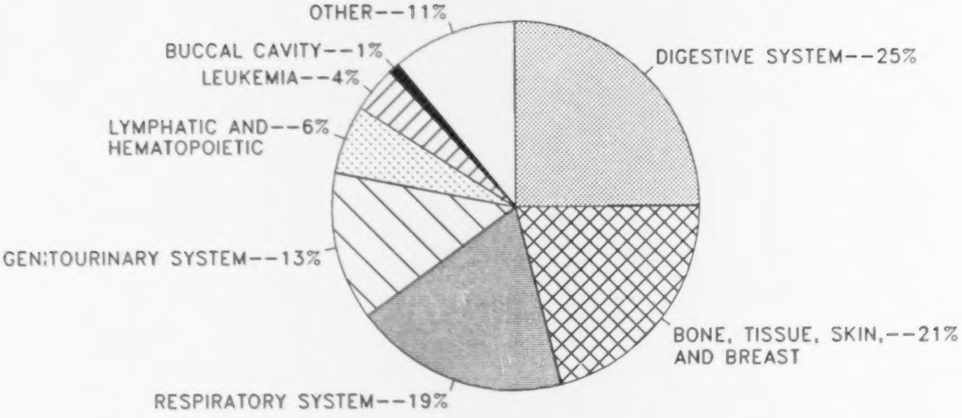
* UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
** THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203
***UNKNOWN AGE INCLUDED IN THE 75+ AGE GROUP.

FIGURE C-12
RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX
PERCENT BY TYPE, PENNSYLVANIA, 1989



MALE



FEMALE

TABLE C-17D
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND RACE
NUMBER AND RATE*: PENNSYLVANIA, 1989

MALIGNANT NEOPLASM SITE**	TOTAL	WHITE*** NUMBER	WHITE*** RATE	ALL OTHER RACES NUMBER	ALL OTHER RACES RATE
TOTAL MALIGNANT NEOPLASMS	29,064	26,304	244.2	2,760	217.9
BUCCAL CAVITY & PHARYNX	423	368	3.4	55	4.3
DIGESTIVE SYSTEM	7,368	6,671	61.9	697	55.0
RESPIRATORY SYSTEM	7,811	6,962	64.6	849	67.0
BONE, TISSUE, SKIN & BREAST	3,295	3,062	28.4	233	18.4
GENITOURINARY SYSTEM	4,382	3,937	36.5	445	35.1
OTHER & UNSPECIFIED SITES	3,109	2,829	26.3	280	22.1
LEUKEMIA	996	933	8.7	63	5.0
LYMPHATIC & HEMATOPOIETIC	1,680	1,542	14.3	138	10.9

* RATE PER 100,000 POPULATION FOR EACH RACE.
** THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203
***UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.

FIGURE C-13
RESIDENT MALIGNANT NEOPLASM DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1989

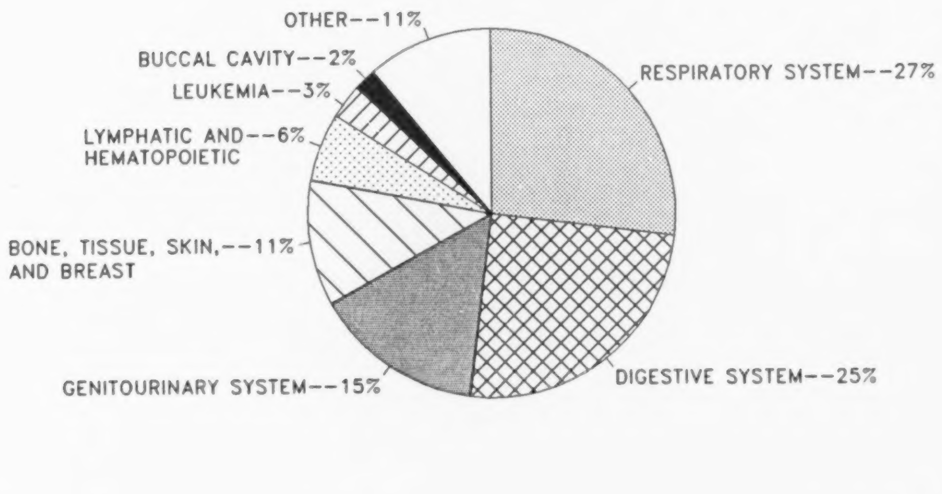


TABLE C-18A
DEATHS DUE TO UNINTENTIONAL INJURY, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	4,365	36.3	94,780**	38.2	1969	5,362	45.4	116,385	57.8
1988	4,437	37.0	97,100	39.5	1968	5,589	47.5	114,864	57.6
1987	4,464	37.4	95,020	39.0	1967	5,459	46.9	113,169	57.2
1986	4,182	35.2	95,277	39.5	1966	5,223	44.9	113,563	58.0
1985	4,113	34.7	93,457	39.1	1965	5,351	46.4	108,004	55.7
1984	4,178	35.1	92,911	39.3	1964	5,165	45.1	103,843	54.3
1983	4,147	34.9	92,488	39.5	1963	5,154	45.1	100,669	53.4
1982	4,112	34.6	94,082	40.6	1962	5,024	44.2	97,139	52.3
1981	4,375	36.9	100,704	43.9	1961	4,762	41.5	92,249	50.4
1980	4,586	38.7	105,718	46.7	1960	4,866	43.0	93,806	52.3
1979	4,777	40.7	105,312	46.9	1959	5,036	44.5	92,080	52.2
1978	4,487	38.2	105,561	48.4	1958	5,056	45.5	90,604	52.3
1977	4,654	39.5	103,202	47.7	1957	5,374	48.1	95,307	56.0
1976	4,531	38.2	100,761	46.9	1956	5,430	48.8	94,780	56.7
1975	4,702	39.8	103,030	48.4	1955	5,659	50.8	93,443	56.9
1974	4,798	40.6	104,622	49.5	1954	5,472	50.2	90,032	55.9
1973	5,140	43.2	115,821	55.2	1953	5,747	53.1	95,032	60.0
1972	5,259	44.1	115,448	55.4	1952	5,783	53.9	96,172	61.7
1971	5,387	45.3	113,439	55.0	1951	5,831	55.0	95,871	62.5
1970	5,336	45.2	114,638	57.6	1950	5,697	54.2	91,249	60.6

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-14
UNINTENTIONAL INJURY DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

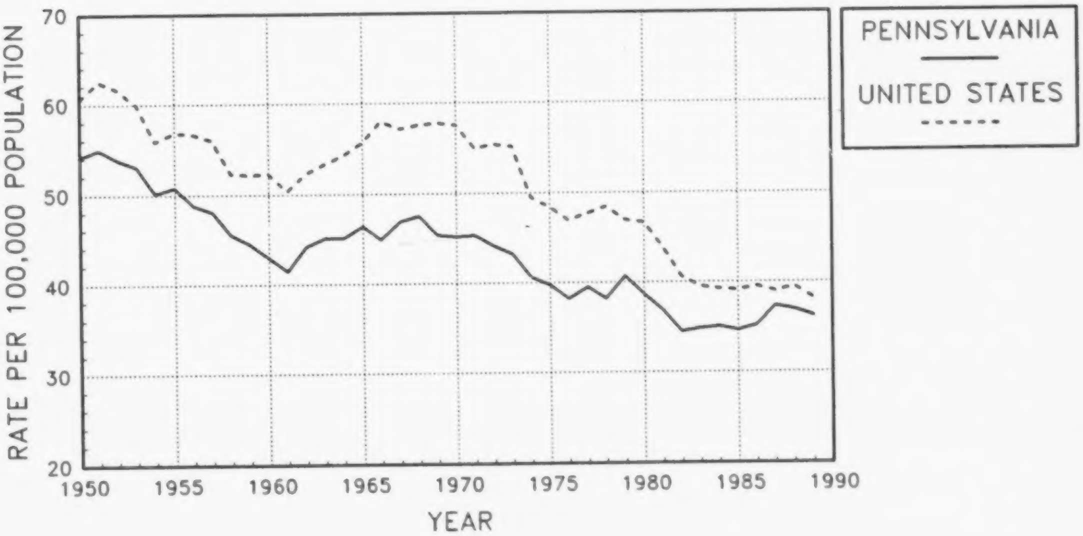


TABLE C-18B
RESIDENT DEATHS DUE TO UNINTENTIONAL INJURY BY TYPE AND AGE, PENNSYLVANIA, 1989

DEATHS BY TYPE OF UNINTENTIONAL INJURY*	ALL AGES	AGE AT DEATH (IN YEARS)								
		UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+ **
TOTAL	4,365	117	163	697	687	470	317	327	496	1,091
MOTOR VEHICLE	1,940	25	88	545	402	214	163	156	155	192
POISONING	392	3	0	54	128	119	30	14	19	25
SURGICAL COMPLICATIONS, ETC.	227	3	1	1	6	4	10	18	63	121
FALLS	680	2	3	15	21	35	25	52	91	436
FIRES	250	42	31	11	30	26	16	15	36	43
SUBMERSION, SUFFOCATION, ETC.	377	27	21	22	39	14	20	29	58	147
OTHER UNINTENTIONAL INJURIES	499	15	19	49	61	58	53	43	74	127

TABLE C-18C
RESIDENT DEATHS DUE TO UNINTENTIONAL INJURY BY TYPE AND SEX NUMBER AND PERCENT: PENNSYLVANIA, 1989

DEATHS BY TYPE OF UNINTENTIONAL INJURY*	TOTAL	MALE ***		FEMALE	
		NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	4,365	2,827	100.0	1,538	100.0
MOTOR VEHICLE	1,940	1,351	47.8	589	38.3
POISONING	392	292	10.3	100	6.5
SURGICAL COMPLICATIONS, ETC.	227	91	3.2	136	8.8
FALLS	680	348	12.3	332	21.6
FIRES	250	157	5.6	93	6.0
SUBMERSION, SUFFOCATION, ETC.	377	214	7.6	163	10.6
OTHER UNINTENTIONAL INJURIES	499	374	13.2	125	8.1

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
MOTOR VEHICLE=E810-E825
POISONING=E850-E869
SURGICAL COMPLICATIONS/MISADVENTURES=E870-E879
FALLS=E880-E888
FIRES=E890-E899
SUBMERSION, SUFFOCATION AND FOREIGN BODIES=E910-E915
OTHER UNINTENTIONAL INJURIES=E800-E807, E826-E848, E900-E909, E916-E49

** UNKNOWN AGE INCLUDED IN THE 75+ AGE GROUP.

***UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

FIGURE C-15
RESIDENT DEATHS DUE TO UNINTENTIONAL INJURY PERCENT BY AGE GROUP, PENNSYLVANIA, 1989

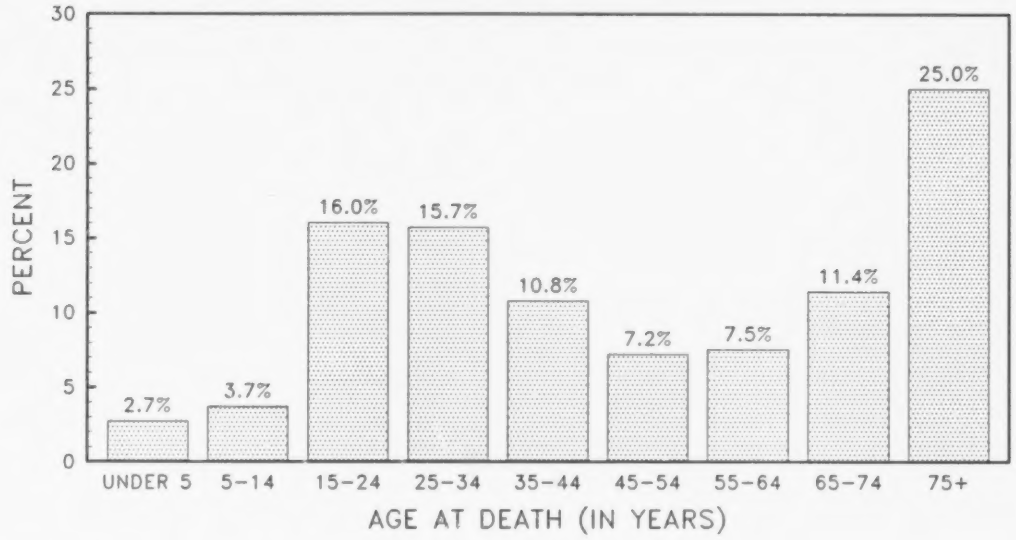


FIGURE C-16
RESIDENT DEATHS DUE TO UNINTENTIONAL INJURY PERCENT BY TYPE, PENNSYLVANIA, 1989

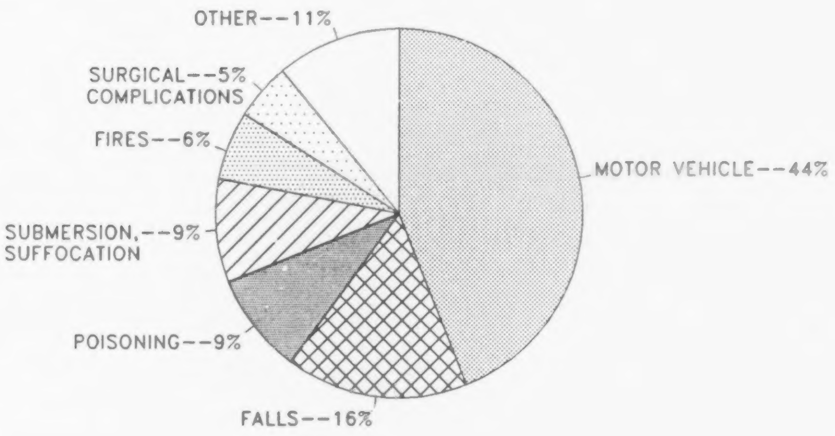


TABLE C-19
CEREBROVASCULAR DISEASE DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	7,683	63.8	147,470**	59.4	1969	12,444	105.4	207,179	102.6
1988	8,036	67.0	150,517	61.2	1968	12,994	110.5	211,390	105.8
1987	8,019	67.2	149,835	61.6	1967	12,295	105.6	202,184	102.2
1986	7,961	67.0	149,643	62.1	1966	12,685	109.0	204,841	104.6
1985	8,175	68.9	153,050	64.1	1965	12,466	108.1	201,057	103.7
1984	8,334	70.0	154,327	65.3	1964	12,268	107.1	198,209	103.6
1983	8,384	70.6	155,598	66.5	1963	12,669	110.9	201,166	106.7
1982	8,559	72.0	157,710	68.0	1962	12,623	111.0	197,451	106.3
1981	8,913	75.1	163,504	71.3	1961	12,598	109.9	192,951	105.5
1980	9,539	80.4	170,225	75.1	1960	12,632	111.6	193,588	108.0
1979	9,132	77.8	169,488	77.0	1959	12,780	112.9	191,376	108.5
1978	9,559	81.4	175,629	80.5	1958	12,700	114.4	190,758	110.1
1977	10,356	87.9	181,934	84.1	1957	12,755	114.2	187,709	110.2
1976	10,749	90.6	188,623	87.9	1956	11,997	107.8	177,845	106.3
1975	11,311	95.6	194,038	91.1	1955	12,210	109.7	174,142	106.0
1974	12,014	101.5	207,424	98.1	1954	11,529	105.8	167,777	104.1
1973	12,616	106.0	214,313	102.1	1953	11,921	110.1	169,800	107.3
1972	12,438	104.3	213,344	102.5	1952	11,704	109.1	166,331	106.8
1971	12,472	105.0	209,092	101.1	1951	11,475	108.3	163,550	106.6
1970	12,573	106.6	207,166	101.9	1950	11,043	105.0	156,751	104.0

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-17
CEREBROVASCULAR DISEASE DEATH RATES PENNSYLVANIA AND UNITED STATES, 1950-1989

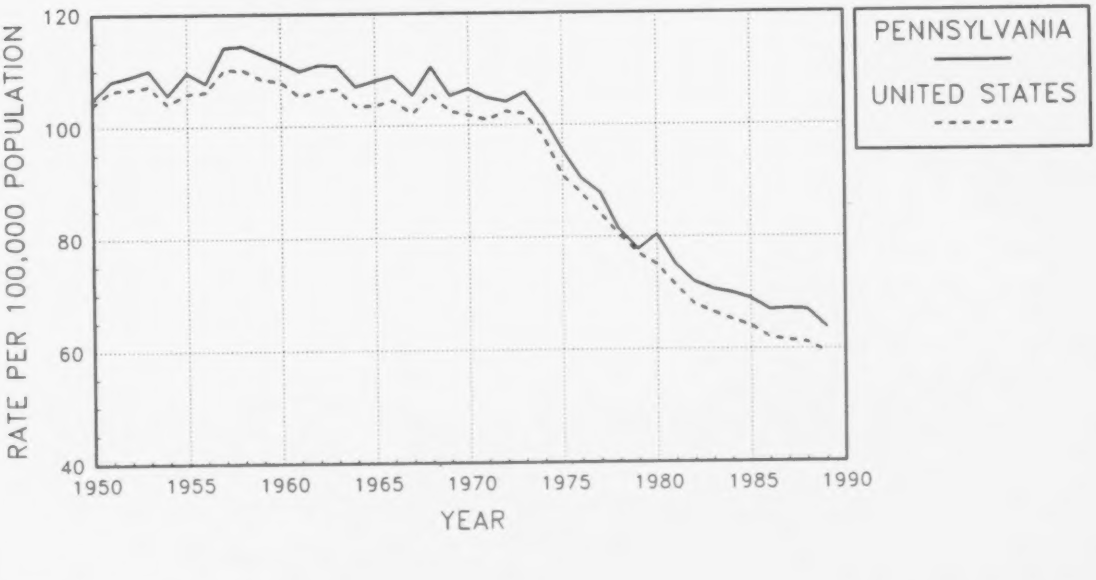


TABLE C-20
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	3,949	32.8	75,240**	30.3	1969	3,896	33.0	68,365	33.9
1988	3,990	33.2	77,662	31.6	1968	4,340	36.9	73,492	36.9
1987	3,669	30.7	69,225	28.4	1967	3,225	27.7	56,892	28.8
1986	3,622	30.5	69,812	29.0	1966	3,515	30.2	63,615	32.5
1985	3,357	28.3	67,615	28.3	1965	3,709	32.2	61,903	31.9
1984	2,885	24.2	58,894	24.9	1964	3,393	29.6	59,451	31.1
1983	2,651	22.3	55,854	23.9	1963	4,294	37.6	70,761	37.5
1982	2,386	20.1	48,886	21.1	1962	3,529	31.0	59,995	32.3
1981	2,682	22.6	53,731	23.4	1961	3,247	28.3	55,175	30.1
1980	2,869	24.2	54,619	24.1	1960	3,889	34.3	66,803	37.3
1979	2,239	19.1	45,030	20.1	1959	3,293	29.1	55,039	31.2
1978	2,776	23.6	58,319	26.7	1958	3,494	31.5	57,439	33.1
1977	2,866	24.3	51,193	23.7	1957	3,833	34.3	61,001	35.8
1976	3,412	28.8	61,866	28.8	1956	2,996	26.9	47,103	28.2
1975	3,187	26.9	55,664	26.1	1955	2,862	25.7	44,510	27.1
1974	3,067	25.9	54,777	25.9	1954	2,406	22.1	40,991	25.4
1973	3,590	30.2	62,559	29.8	1953	3,061	28.3	52,238	33.0
1972	3,476	29.1	62,580	30.1	1952	3,113	29.0	46,265	29.7
1971	3,199	26.9	57,194	27.7	1951	3,379	31.9	48,169	31.4
1970	3,466	29.4	62,739	30.9	1950	3,116	29.6	47,120	31.3

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-18
PNEUMONIA AND INFLUENZA DEATH RATES PENNSYLVANIA AND UNITED STATES, 1950-1989

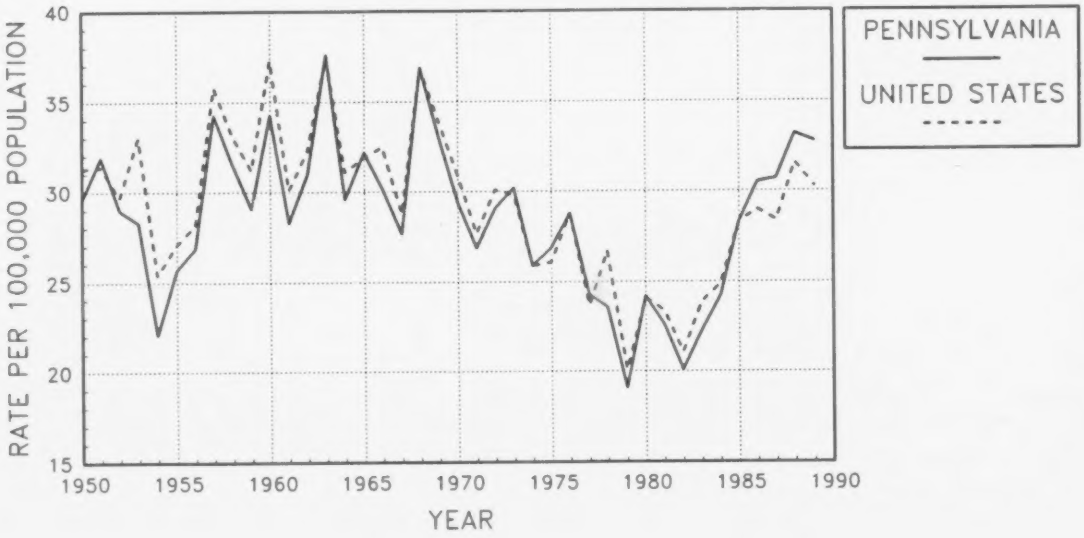


TABLE C-21A
SUICIDE DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	1,439	12.0	31,210**	12.6	1969	1,133	9.6	22,364	11.1
1988	1,479	12.3	30,407	12.4	1968	1,190	10.1	21,372	10.7
1987	1,489	12.5	30,796	12.7	1967	1,059	9.1	21,325	10.8
1986	1,443	12.1	30,904	12.8	1966	1,099	9.4	21,281	10.9
1985	1,432	12.1	29,453	12.3	1965	1,131	9.8	21,507	11.1
1984	1,408	11.8	29,286	12.4	1964	1,100	9.6	20,588	10.8
1983	1,340	11.3	28,295	12.1	1963	1,134	9.9	20,825	11.0
1982	1,344	11.3	28,242	12.2	1962	1,150	10.1	20,207	10.9
1981	1,310	11.0	27,596	12.0	1961	1,097	9.6	18,999	10.4
1980	1,317	11.1	26,869	11.9	1960	1,099	9.7	19,041	10.6
1979	1,346	11.5	27,206	12.1	1959	1,100	9.9	18,633	10.6
1978	1,396	11.9	27,294	12.5	1958	1,113	10.0	18,519	10.7
1977	1,430	12.1	28,681	13.3	1957	1,044	9.3	16,632	9.8
1976	1,371	11.6	26,832	12.5	1956	1,121	10.1	16,727	10.0
1975	1,377	11.6	27,063	12.7	1955	1,035	9.3	16,760	10.2
1974	1,318	11.1	25,683	12.1	1954	988	9.1	16,356	10.1
1973	1,342	11.3	25,118	12.0	1953	1,006	9.3	15,947	10.1
1972	1,349	11.3	25,004	12.0	1952	1,028	9.6	15,567	10.0
1971	1,271	10.7	24,092	11.7	1951	1,083	10.2	15,909	10.4
1970	1,337	11.3	23,480	11.6	1950	1,101	10.5	17,145	11.4

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-19
SUICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

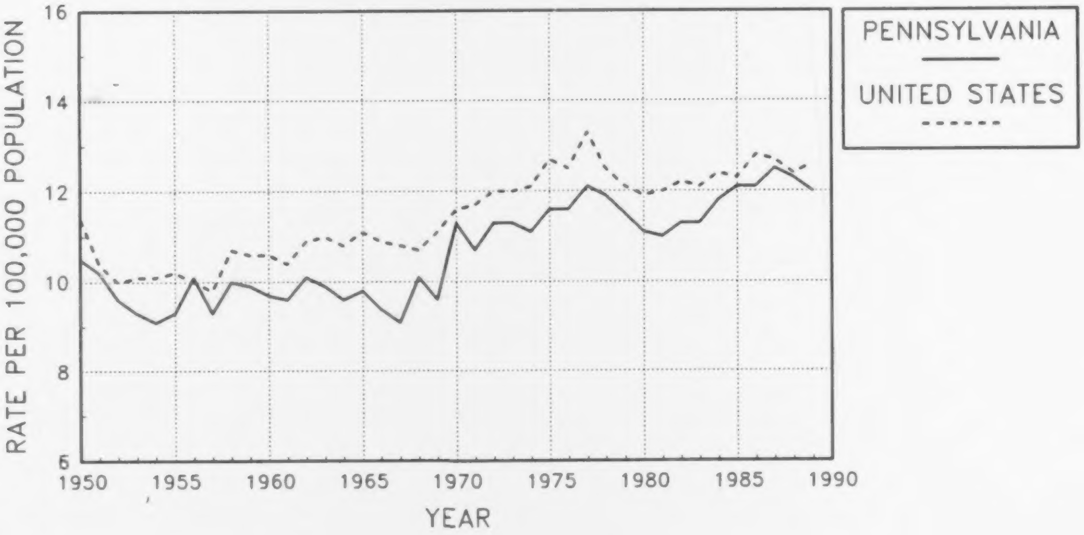


TABLE C-21B
RESIDENT SUICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1989

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	1,439	1,170	269	1,302	1,056	246	137	114	23
UNDER 15	7	7	0	5	5	0	2	2	0
15-24	210	189	21	179	162	17	31	27	4
25-34	327	280	47	282	242	40	45	38	7
35-44	247	187	60	217	163	54	30	24	6
45-54	163	115	48	152	107	45	11	8	3
55-64	177	128	49	164	118	46	13	10	3
65-74	159	136	23	154	131	23	5	5	0
75+ ***	149	128	21	149	128	21	0	0	0

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE INCLUDED IN THE 75+ AGE GROUP.

FIGURE C-20
RESIDENT SUICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1989

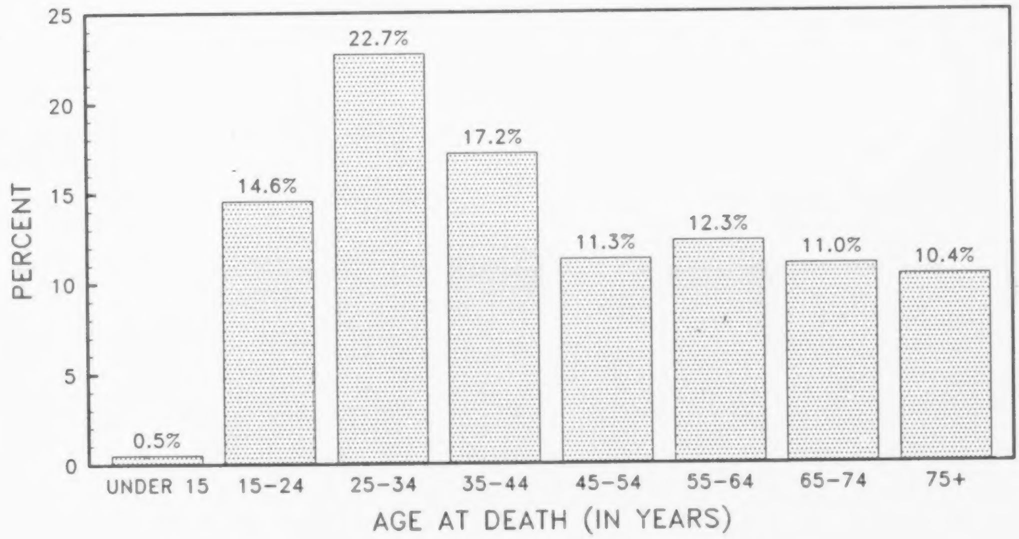


TABLE C-22A
HOMICIDE DEATHS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	782	6.5	23,020**	9.3	1969	516	4.4	15,477	7.7
1988	666	5.5	22,032	9.0	1968	473	4.0	14,686	7.4
1987	644	5.4	21,103	8.7	1967	459	3.9	13,425	6.8
1986	658	5.5	21,731	9.0	1966	389	3.3	11,606	5.9
1985	588	5.0	19,893	8.3	1965	388	3.4	10,712	5.5
1984	580	4.9	19,796	8.4	1964	403	3.5	9,814	5.1
1983	613	5.2	20,191	8.6	1963	288	2.5	9,225	4.9
1982	713	6.0	22,358	9.6	1962	318	2.8	9,013	4.8
1981	768	6.5	23,646	10.3	1961	304	2.7	8,578	4.7
1980	827	7.0	24,278	10.7	1960	302	2.7	8,464	4.7
1979	760	6.5	22,550	10.0	1959	286	2.5	8,159	4.6
1978	736	6.3	20,432	9.4	1958	273	2.5	7,815	4.5
1977	668	5.7	19,968	9.2	1957	258	2.3	7,641	4.5
1976	746	6.3	19,554	9.1	1956	279	2.5	7,629	4.6
1975	843	7.1	21,310	10.0	1955	248	2.2	7,418	4.5
1974	859	7.3	21,465	10.2	1954	304	2.8	7,735	4.8
1973	826	6.9	20,465	9.8	1953	288	2.6	7,640	4.8
1972	761	6.4	19,638	9.4	1952	288	2.7	8,054	5.2
1971	749	6.3	18,787	9.1	1951	296	2.8	7,495	4.9
1970	657	5.6	16,848	8.3	1950	284	2.7	7,942	5.3

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-21
HOMICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

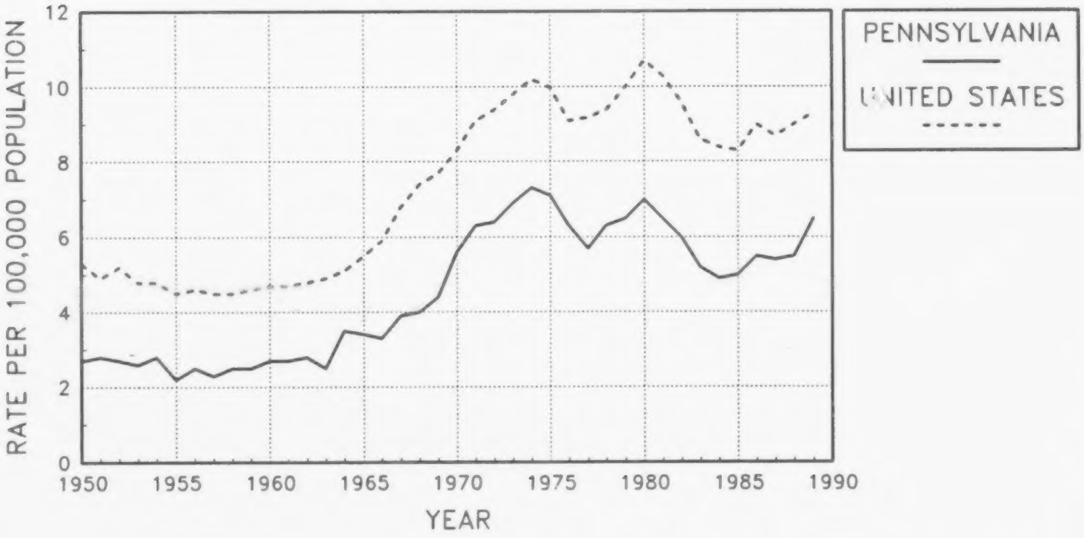


TABLE C-22B
RESIDENT HOMICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1989

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	782	583	199	327	211	116	455	372	83
UNDER 15	52	31	21	28	17	11	24	14	10
15-24	223	179	44	74	47	27	149	132	17
25-34	238	190	48	97	68	29	141	122	19
35-44	121	92	29	50	36	14	71	56	15
45-54	64	45	19	31	19	12	33	26	7
55-64	38	24	14	17	12	5	21	12	9
65-74	18	10	8	9	5	4	9	5	4
75+ ***	28	12	16	21	7	14	7	5	2

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE INCLUDED IN THE 75+ AGE GROUP.

FIGURE C-22
RESIDENT HOMICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1989

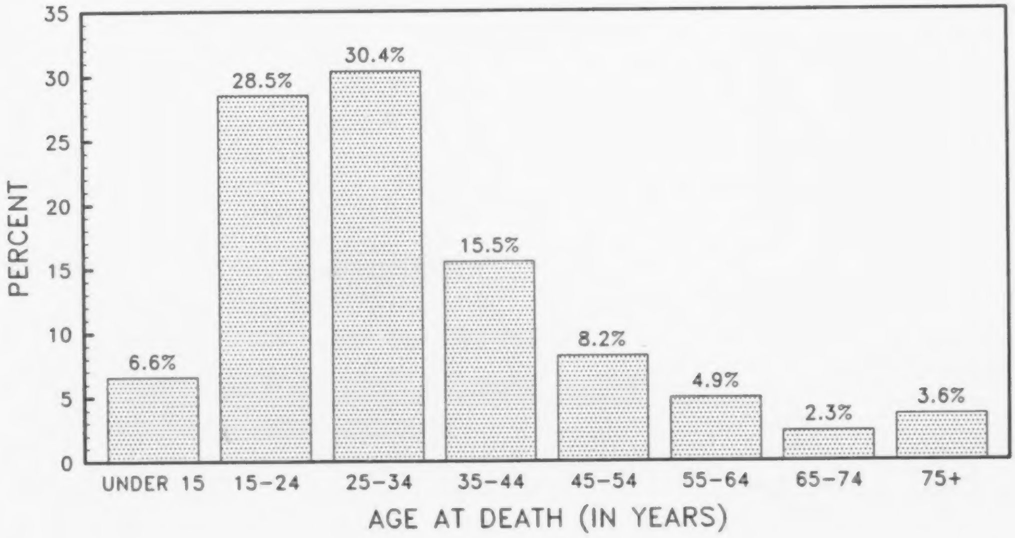


TABLE C-23
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA, 1989

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
ALL COUNTIES	168,108	14.0	122,956	10.2	1,696	10.1	1,171	7.0	1,918	11.3
ADAMS	1,042	13.9	668	8.9	2	1.9	1	1.0	14	13.3
ALLEGHENY	17,826	13.1	15,386	11.3	219	12.3	164	9.2	231	12.8
ARMSTRONG	867	11.2	859	11.1	7	8.1	6	6.9	9	10.3
BEAVER	2,270	11.9	1,987	10.4	20	8.8	15	6.6	23	10.0
BEDFORD	583	12.2	494	10.3	3	5.1	3	5.1	9	15.2
BERKS	4,801	14.4	3,411	10.2	47	9.8	30	6.2	51	10.5
BLAIR	1,557	11.7	1,561	11.8	12	7.7	9	5.8	20	12.7
BRADFORD	859	13.3	604	9.4	5	5.8	2	2.3	8	9.2
BUCKS	7,946	14.6	4,115	7.6	60	7.6	46	5.8	51	6.4
BUTLER	2,106	13.7	1,444	9.4	23	10.9	21	10.0	20	9.4
CAMBRIA	1,740	10.3	1,848	10.9	11	6.3	7	4.0	16	9.1
CAMERON	88	13.7	69	10.8	3	34.1	1	11.4	0	-
CARBON	712	12.6	633	11.2	6	8.4	4	5.6	19	26.0
CENTRE	1,466	12.7	716	6.2	10	6.8	8	5.5	17	11.5
CHESTER	5,616	15.3	2,549	6.9	36	6.4	24	4.3	50	8.8
CLARION	520	12.5	396	9.5	5	9.6	3	5.8	5	9.5
CLEARFIELD	1,035	12.8	868	10.7	14	13.5	7	6.8	11	10.5
CLINTON	438	11.4	416	10.8	7	16.0	4	9.1	4	9.0
COLUMBIA	729	11.9	635	10.4	5	6.9	4	5.5	8	10.9
CRAWFORD	1,135	13.3	882	10.3	12	10.6	7	6.2	18	15.6
CUMBERLAND	2,317	11.8	1,682	8.6	18	7.8	10	4.3	19	8.1
DAUPHIN	3,734	15.4	2,331	9.6	40	10.7	30	8.0	45	11.9
DELAWARE	8,206	14.7	5,465	9.8	60	7.3	48	5.8	82	9.9
ELK	464	12.8	348	9.6	1	2.2	0	-	5	10.7
ERIE	4,078	14.7	2,635	9.5	41	10.1	32	7.8	45	10.9
FAYETTE	1,810	12.0	1,890	12.6	11	6.1	10	5.5	20	10.9
FOREST	67	14.0	64	13.4	0	-	0	-	2	29.0
FRANKLIN	1,575	13.1	1,044	8.7	11	7.0	8	5.1	18	11.3
FULTON	210	14.7	123	8.6	1	4.8	0	-	0	-
GREENE	485	12.3	396	10.1	3	6.2	2	4.1	6	12.2
HUNTINGDON	525	12.3	397	9.3	5	9.5	3	5.7	5	9.4
INDIANA	1,067	11.7	845	9.2	14	13.1	10	9.4	9	8.4
JEFFERSON	610	12.9	528	11.1	6	9.8	5	8.2	6	9.7
JUNIATA	244	12.0	206	10.1	1	4.1	0	-	1	4.1
LACKAWANNA	2,666	12.0	2,750	12.3	14	5.3	10	3.8	19	7.1
LANCASTER	6,933	16.5	3,386	8.0	63	9.1	45	6.5	67	9.6
LAWRENCE	1,162	11.5	1,015	10.0	9	7.7	6	5.2	13	11.1
LEBANON	1,587	13.8	1,101	9.6	11	6.9	8	5.0	15	9.4
LEHIGH	4,110	14.1	2,745	9.4	31	7.5	23	5.6	41	9.9
LUZERNE	3,834	11.5	4,314	12.9	28	7.3	20	5.2	36	9.3
LYCOMING	1,657	13.9	1,143	9.6	15	9.1	8	4.8	15	9.0
MCKEAN	556	12.3	540	11.9	2	3.6	1	1.8	3	5.4
MERCER	1,445	11.8	1,305	10.7	15	10.4	6	4.2	19	13.0
MIFFLIN	679	14.5	460	9.8	6	8.8	3	4.4	8	11.6
MONROE	1,483	15.2	830	8.5	14	9.4	8	5.4	6	4.0
MONTGOMERY	9,611	13.9	6,101	8.8	70	7.3	47	4.9	97	10.0
MONTOUR	236	14.3	197	11.9	3	12.7	2	8.5	2	8.4
NORTHAMPTON	3,228	13.0	2,122	8.6	22	6.8	16	5.0	29	8.9
NORTHUMBERLAND	1,180	11.9	1,204	12.2	5	4.2	3	2.5	16	13.4
PERRY	630	15.4	322	7.9	4	6.3	3	4.8	5	7.9
PHILADELPHIA	29,242	17.8	20,495	12.5	512	17.5	327	11.2	455	15.3
PIKE	351	12.2	233	8.1	3	8.5	3	8.5	1	2.8
POTTER	209	11.9	196	11.1	2	9.6	2	9.6	1	4.8
SCHUYLKILL	1,719	11.1	1,995	12.9	9	5.2	6	3.5	24	13.8
SNYDER	540	14.9	267	7.4	6	11.1	5	9.3	9	16.4
SOMERSET	983	12.2	827	10.3	12	12.2	8	8.1	10	10.1
SULLIVAN	65	10.0	82	12.7	0	-	0	-	0	-
SUSQUEHANNA	494	12.1	384	9.4	0	-	0	-	5	10.0
TIOGA	505	12.4	391	9.6	5	9.9	2	4.0	8	15.6
UNION	468	13.2	287	8.1	1	2.1	0	-	5	10.6
VENANGO	733	12.1	627	10.4	9	12.3	6	8.2	13	17.4
WARREN	604	13.3	476	10.5	3	5.0	2	3.3	5	8.2
WASHINGTON	2,381	11.4	2,293	11.0	26	10.9	22	9.2	18	7.5
WAYNE	541	13.1	425	10.3	2	3.7	2	3.7	6	11.0
WESTMORELAND	4,298	11.4	3,932	10.4	33	7.7	25	5.8	52	12.0
WYOMING	410	14.6	229	8.2	4	9.8	3	7.3	7	16.8
YORK	4,840	14.3	2,787	8.2	38	7.9	25	5.2	61	12.4

* BIRTH AND TOTAL DEATH CRUDE RATES PER 1,000 ESTIMATED 1989 POPULATION. INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS. FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

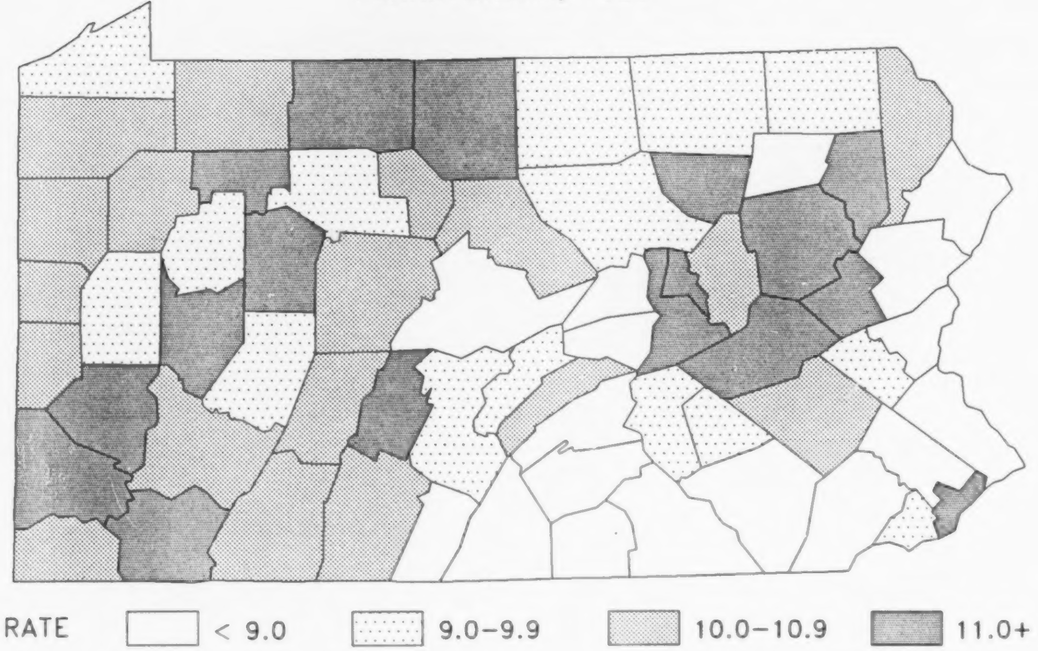
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

TABLE C-24
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS BY COUNTY
NUMBER AND AVERAGE ANNUAL RATE*: PENNSYLVANIA, 1985-1989

	ALL DEATHS 1985-1989		INFANT DEATHS 1985-1989		NEONATAL DEATHS 1985-1989	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	620,364	10.4	8,327	10.2	5,712	7.0
ADAMS	3,400	9.4	36	7.1	25	4.9
ALLEGHENY	78,183	11.4	1,016	11.5	769	8.7
ARMSTRONG	4,324	11.1	48	10.5	37	8.1
BEAVER	9,837	10.3	101	8.9	64	5.6
BEDFORD	2,417	10.1	25	8.7	17	5.9
BERKS	16,747	10.3	206	9.4	141	6.4
BLAIR	7,925	12.0	83	10.3	58	7.2
BRADFORD	2,941	9.1	26	5.9	17	3.8
BUCKS	19,885	7.5	277	7.4	192	5.1
BUTLER	7,031	9.2	101	9.9	75	7.4
CAMBRIA	9,643	11.2	83	8.9	54	5.8
CAMERON	346	10.7	5	10.8	1	2.2
CARBON	3,315	12.0	23	7.2	14	4.4
CENTRE	3,654	6.4	60	8.6	44	6.3
CHESTER	13,009	7.4	195	7.4	126	4.7
CLARION	2,054	9.8	18	7.0	11	4.3
CLEARFIELD	4,349	10.6	60	11.2	34	6.3
CLINTON	1,941	10.2	23	10.4	11	5.0
COLUMBIA	3,280	10.7	24	6.7	13	3.6
CRAWFORD	4,449	10.3	69	12.0	44	7.7
CUMBERLAND	7,997	8.3	90	8.2	59	5.4
DAUPHIN	11,906	10.0	186	10.6	138	7.9
DELAWARE	28,691	10.3	338	8.4	254	6.3
ELK	1,833	9.9	14	5.5	10	4.0
ERIE	12,970	9.3	208	10.3	143	7.1
FAYETTE	9,019	11.7	83	9.1	63	6.9
FOREST	321	13.4	2	7.8	2	7.8
FRANKLIN	5,273	8.8	57	7.4	30	3.9
FULTON	603	8.5	7	7.4	5	5.3
GREENE	2,167	10.8	30	12.1	19	7.6
HUNTINGDON	2,040	9.5	18	6.7	13	4.8
INDIANA	4,068	8.8	68	12.7	51	9.5
JEFFERSON	2,664	11.1	27	8.7	21	6.8
JUNIATA	1,021	10.1	13	9.6	7	5.2
LACKAWANNA	14,034	12.6	107	8.0	71	5.3
LANCASTER	17,004	8.4	279	8.6	192	5.9
LAWRENCE	5,564	11.0	49	8.4	30	5.2
LEBANON	5,685	10.1	58	7.8	38	5.1
LEHIGH	13,732	9.6	162	8.5	120	6.3
LUZERNE	21,843	13.1	150	8.0	105	5.6
LYCOMING	5,745	9.8	69	8.5	39	4.8
MCKEAN	2,861	12.2	21	7.2	12	4.1
MERCER	6,487	10.5	55	7.6	34	4.7
MIFFLIN	2,425	10.4	28	8.6	16	4.9
MONROE	3,842	8.7	45	7.8	30	5.2
MONTGOMERY	30,943	9.1	374	8.1	266	5.7
MONTOUR	1,066	12.8	9	7.3	5	4.1
NORTHAMPTON	11,079	9.3	127	8.6	84	5.7
NORTHUMBERLAND	6,196	12.5	33	5.6	22	3.7
PERRY	1,639	8.3	19	6.6	11	3.8
PHILADELPHIA	102,633	12.5	2,353	16.6	1,550	11.0
PIKE	1,202	9.8	13	8.9	10	6.8
POTTER	906	10.1	13	10.6	7	5.7
SCHUYLKILL	10,409	13.4	72	8.4	49	5.7
SNYDER	1,494	8.3	23	8.9	17	6.6
SOMERSET	4,221	10.4	41	8.3	23	4.6
SULLIVAN	427	13.4	1	3.1	0	-
SUSQUEHANNA	1,950	9.7	14	5.2	6	2.2
TIOGA	1,987	9.8	21	8.3	13	5.1
UNION	1,496	8.6	17	7.8	11	5.0
VENANGO	3,197	10.4	41	10.6	28	7.3
WARREN	2,409	10.5	31	10.1	19	6.2
WASHINGTON	11,636	11.0	106	9.0	81	6.9
WAYNE	2,136	10.8	17	6.7	14	5.6
WESTMORELAND	19,509	10.3	153	7.1	117	5.4
WYOMING	1,163	8.3	18	9.4	11	5.7
YORK	14,141	8.5	188	8.2	119	5.2

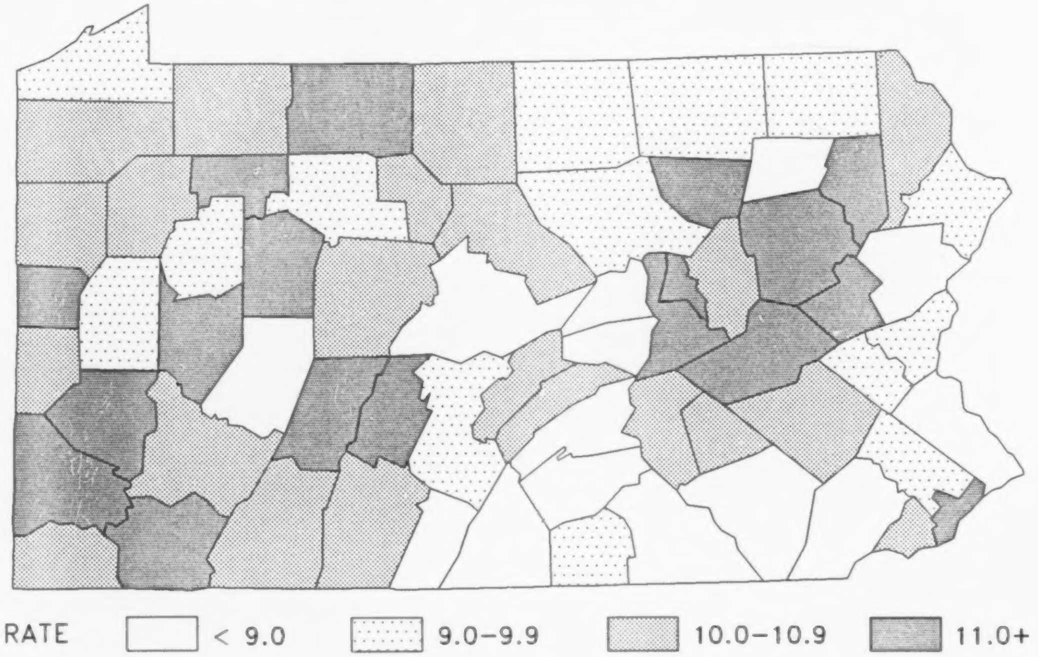
* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH COUNTY, 1985-1989.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH COUNTY, 1985-1989.

FIGURE C-23
RESIDENT CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, 1989



NOTE: RATE PER 1,000 POPULATION, 1989. SEE TABLE C-23 FOR COUNTY RATES.

FIGURE C-24
RESIDENT AVERAGE ANNUAL CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, 1985-1989



NOTE: RATE PER 1,000 POPULATION, 1985-1989. SEE TABLE C-24 FOR COUNTY RATES.

FIGURE C-25
RESIDENT AVERAGE ANNUAL INFANT DEATH RATES BY COUNTY
PENNSYLVANIA, 1985-1989

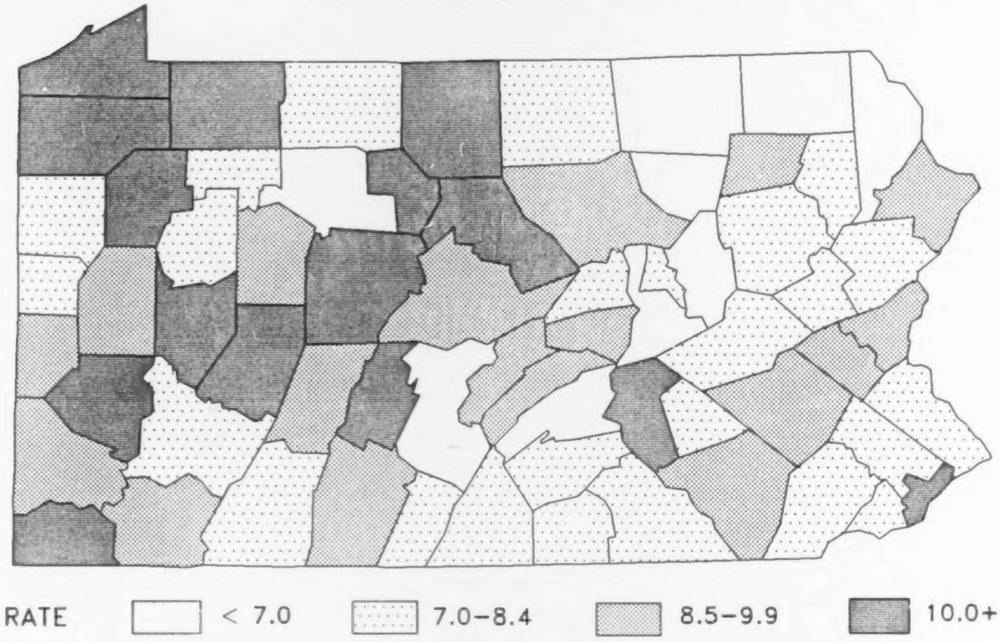
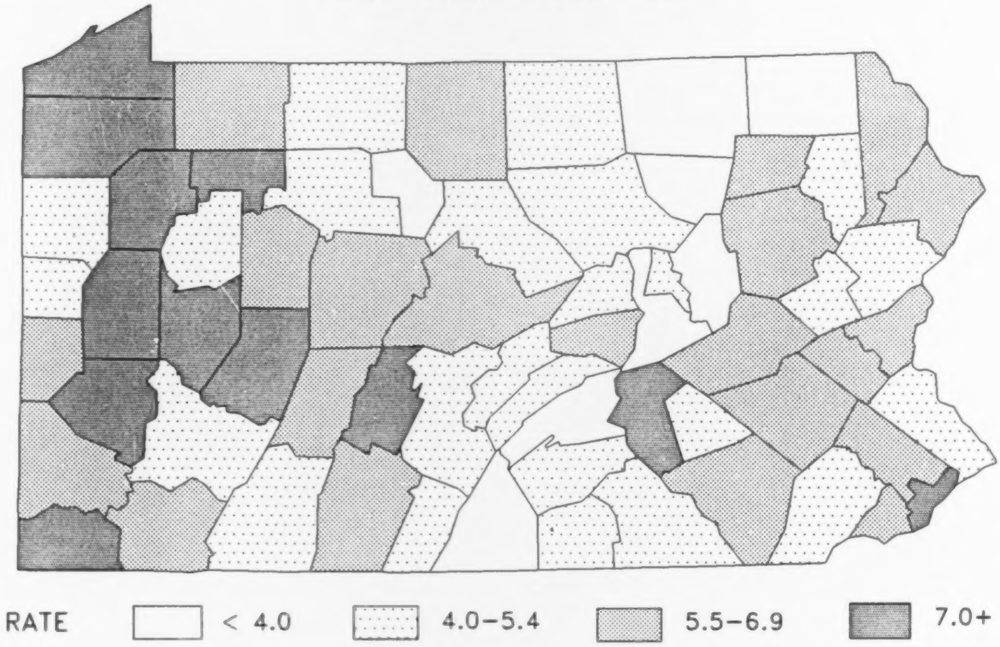


FIGURE C-26
RESIDENT AVERAGE ANNUAL NEONATAL DEATH RATES BY COUNTY
PENNSYLVANIA, 1985-1989



NOTE: RATE PER 1,000 LIVE BIRTHS, 1985-1989. SEE TABLE C-24 FOR COUNTY RATES.

TABLE C-25
AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1989

COUNTY	TOTAL	MALE**	FEMALE	COUNTY	TOTAL	MALE**	FEMALE
ALL COUNTIES	5.3	7.0	4.0				
ADAMS	5.0	6.4	3.9	JUNIATA	5.2	7.0	3.7
ALLEGHENY	5.4	7.1	4.1	LACKAWANNA	5.2	7.2	3.8
ARMSTRONG	4.9	6.3	3.7	LANCASTER	4.4	5.5	3.4
BEAVER	5.3	6.8	4.1	LAWRENCE	4.3	5.7	3.2
BEDFORD	5.2	6.9	3.9	LEBANON	5.0	6.6	3.7
BERKS	4.9	6.3	3.8	LEHIGH	4.9	6.2	3.9
BLAIR	5.6	8.0	3.9	LUZERNE	5.5	7.7	4.0
BRADFORD	4.9	6.4	3.7	LYCOMING	4.8	6.2	3.7
BUCKS	5.1	6.5	4.0	MCKEAN	5.3	6.6	4.2
BUTLER	5.4	6.9	4.1	MERCER	5.0	6.2	4.1
CAMBRIA	5.1	6.9	3.6	MIFFLIN	5.0	6.6	3.7
CAMERON	5.7	7.1	4.6	MONROE	5.1	6.7	3.6
CARBON	5.3	6.9	3.9	MONTGOMERY	4.3	5.4	3.4
CENTRE	4.4	5.8	3.3	MONTOUR	5.1	6.9	3.6
CHESTER	4.7	6.2	3.5	NORTHAMPTON	4.2	5.4	3.3
CLARION	5.1	6.1	4.3	NORTHUMBERLAND	5.1	6.9	3.7
CLEARFIELD	5.6	7.7	3.9	PERRY	5.1	6.9	3.5
CLINTON	5.8	7.5	4.2	PHILADELPHIA	7.4	10.2	5.2
COLUMBIA	5.0	6.7	3.8	PIKE	3.8	4.9	2.7
CRAWFORD	5.3	7.0	3.9	POTTER	5.3	5.8	4.9
CUMBERLAND	4.6	5.9	3.6	SCHUYLKILL	5.5	7.1	4.2
DAUPHIN	5.3	7.1	3.9	SNYDER	4.6	6.0	3.5
DELAWARE	5.0	6.4	3.9	SOMERSET	5.1	6.7	3.8
ELK	4.8	6.4	3.5	SULLIVAN	5.6	7.5	3.8
ERIE	5.4	6.8	4.3	SUSQUEHANNA	4.9	6.7	3.2
FAYETTE	5.9	8.1	4.2	TIOGA	4.8	5.7	4.1
FOREST	4.5	4.6	4.5	UNION	4.8	5.6	4.3
FRANKLIN	4.7	6.6	3.3	VENANGO	5.6	7.6	4.0
FULTON	5.5	7.9	3.4	WARREN	5.1	6.5	4.0
GREENE	5.2	6.6	4.0	WASHINGTON	5.1	6.6	3.9
HUNTINGDON	5.2	7.6	3.4	WAYNE	4.9	6.2	3.9
INDIANA	5.4	6.8	4.2	WESTMORELAND	5.1	6.5	3.9
JEFFERSON	5.0	6.2	4.1	WYOMING	4.9	6.0	3.8
				YORK	4.7	6.0	3.6

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* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATE PER 1,000 POPULATION.

**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

TABLE C-26
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1985-1989

COUNTY	TOTAL	MALE**	FEMALE	COUNTY	TOTAL	MALE**	FEMALE
ALL COUNTIES	5.5	7.2	4.1				
ADAMS	5.2	6.7	4.0	JUNIATA	5.5	7.1	4.1
ALLEGHENY	5.5	7.3	4.2	LACKAWANNA	5.5	7.6	4.0
ARMSTRONG	5.2	6.7	4.0	LANCASTER	4.6	5.9	3.6
BEAVER	5.3	6.7	4.1	LAWRENCE	4.9	6.5	3.7
BEDFORD	5.3	7.1	3.9	LEBANON	5.3	7.1	3.9
BERKS	5.0	6.6	3.8	LEHIGH	5.0	6.6	3.8
BLAIR	5.7	7.8	4.2	LUZERNE	5.8	8.0	4.2
BRADFORD	4.9	6.4	3.7	LYCOMING	5.0	6.6	3.7
BUCKS	5.2	6.6	4.1	MCKEAN	5.4	7.0	4.1
BUTLER	5.3	6.9	4.0	MERCER	5.0	6.4	3.9
CAMBRIA	5.4	7.2	3.9	MIFFLIN	5.4	7.3	4.0
CAMERON	5.3	6.6	4.2	MONROE	5.0	6.6	3.7
CARBON	5.6	7.5	4.1	MONTGOMERY	4.5	5.8	3.5
CENTRE	4.8	6.2	3.7	MONTOUR	5.7	6.9	4.6
CHESTER	5.0	6.5	3.8	NORTHAMPTON	4.7	6.2	3.6
CLARION	5.4	7.1	4.1	NORTHUMBERLAND	5.5	7.4	4.0
CLEARFIELD	5.5	7.2	4.1	PERRY	5.5	7.0	4.2
CLINTON	5.5	7.3	4.0	PHILADELPHIA	7.2	9.9	5.3
COLUMBIA	5.2	6.9	3.9	PIKE	4.6	5.8	3.4
CRAWFORD	5.3	6.8	3.9	POTTER	5.0	6.1	4.1
CUMBERLAND	4.6	6.0	3.6	SCHUYLKILL	5.9	8.0	4.3
DAUPHIN	5.5	7.3	4.2	SNYDER	5.2	6.7	3.9
DELAWARE	5.3	6.9	4.2	SOMERSET	5.2	7.0	3.8
ELK	5.1	6.6	3.9	SULLIVAN	5.7	7.4	4.2
ERIE	5.5	7.1	4.2	SUSQUEHANNA	5.2	6.8	3.7
FAYETTE	5.8	7.7	4.2	TIOGA	5.1	6.5	3.8
FOREST	5.9	7.0	4.8	UNION	5.0	6.5	3.9
FRANKLIN	4.9	6.3	3.7	VENANGO	5.6	7.4	4.2
FULTON	5.2	7.0	3.7	WARREN	5.2	6.4	4.2
GREENE	5.6	7.3	4.3	WASHINGTON	5.3	7.0	4.0
HUNTINGDON	5.5	7.7	3.8	WAYNE	5.1	6.6	3.7
INDIANA	5.3	6.6	4.2	WESTMORELAND	5.2	6.8	3.9
JEFFERSON	5.2	6.6	4.1	WYOMING	5.0	6.3	3.9
				YORK	4.9	6.2	3.8

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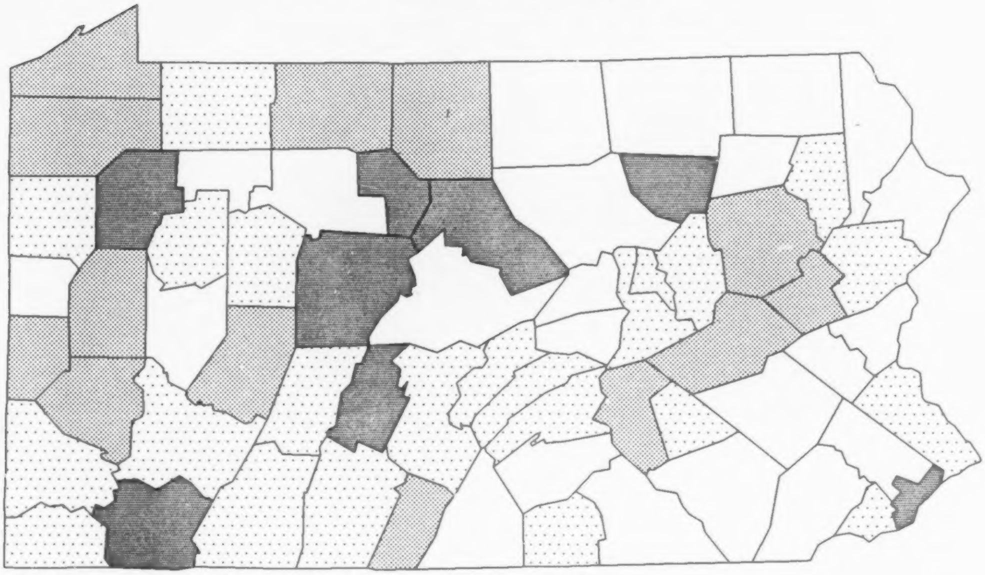
* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATE PER 1,000 POPULATION.

**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

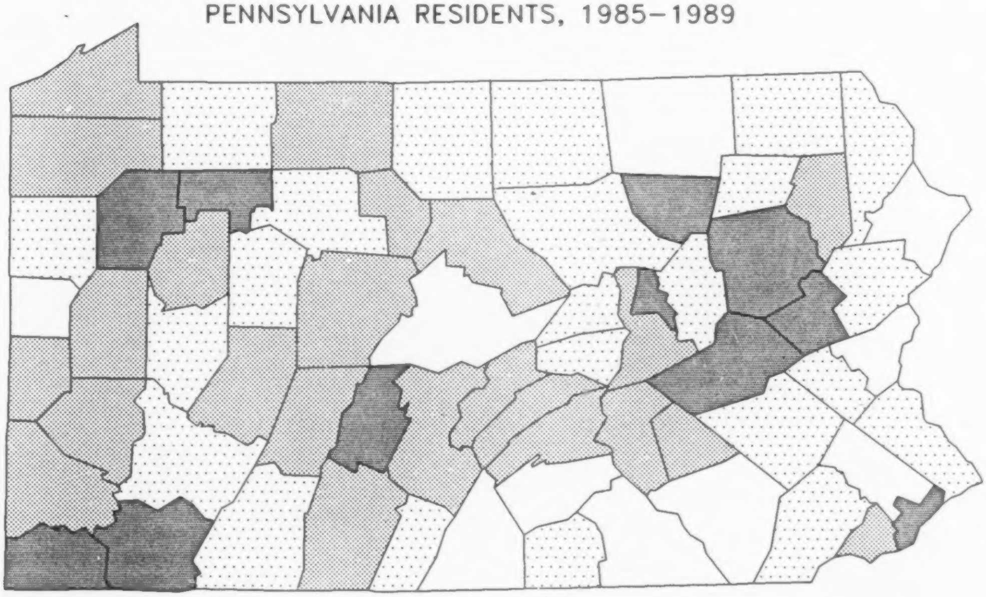
FIGURE C-27
AGE-ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1989



RATE ☐ < 5.0 ▒ 5.0-5.2 ▨ 5.3-5.5 ■ 5.6+

NOTE: SEE TABLE C-25 FOR COUNTY RATES AND THE DEFINITION OF RATE.

FIGURE C-28
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1985-1989



RATE ☐ < 5.0 ▒ 5.0-5.2 ▨ 5.3-5.5 ■ 5.6+

NOTE: SEE TABLE C-26 FOR COUNTY RATES AND THE DEFINITION OF RATE.

TABLE C-27
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES* FOR SELECTED CAUSES OF DEATH BY COUNTY, PENNSYLVANIA RESIDENTS, 1985-1989

COUNTY	HEART DISEASE	MALIGNANT NEOPLASMS	CEREBROVASCULAR DISEASE	CHRONIC OBSTR. PULM. DISEASE	UNINTENTIONAL INJURIES
ALL COUNTIES	182.8	141.6	28.0	17.7	29.9
ADAMS	183.7	132.6	27.3	17.6	36.7
ALLEGHENY	190.5	150.7	27.9	18.3	22.3
ARMSTRONG	194.8	133.2	22.3	19.1	31.0
BEAVER	185.8	140.7	25.4	16.9	26.9
BEDFORD	194.8	132.0	30.7	19.1	46.2
BERKS	156.8	132.7	26.2	18.0	30.4
BLAIR	215.6	140.2	27.1	22.7	32.3
BRADFORD	154.9	114.7	21.3	19.1	49.1
BUCKS	165.1	135.0	30.4	18.6	26.6
BUTLER	187.2	142.8	26.5	20.5	32.9
CAMBRIA	196.7	129.8	27.8	18.2	29.8
CAMERON	146.0	115.4	45.8	16.6	52.5
CARBON	198.4	137.8	25.4	17.2	40.2
CENTRE	176.6	126.0	24.5	19.6	25.9
CHESTER	162.6	135.1	27.7	18.5	30.0
CLARION	209.6	128.5	37.3	19.3	25.2
CLEARFIELD	199.8	136.2	23.4	21.1	41.5
CLINTON	193.0	136.5	32.9	25.6	41.2
COLUMBIA	183.8	134.4	32.5	19.5	28.2
CRAWFORD	178.2	126.4	28.1	23.7	40.3
CUMBERLAND	158.6	125.8	29.4	19.4	20.2
DAUPHIN	194.2	142.4	28.8	19.0	30.1
DELAWARE	172.0	147.9	29.3	19.1	20.9
ELK	178.3	130.2	34.7	15.2	30.0
ERIE	183.4	142.6	37.6	17.8	30.6
FAYETTE	212.0	141.3	29.7	15.2	39.8
FOREST	210.6	145.1	28.6	14.4	57.4
FRANKLIN	159.7	123.6	26.8	18.9	37.0
FULTON	180.1	133.8	19.2	22.5	40.2
GREENE	229.2	120.7	27.7	17.1	39.4
HUNTINGDON	194.3	153.2	22.5	20.1	44.0
INDIANA	177.1	128.6	27.3	16.3	39.1
JEFFERSON	183.4	132.8	25.3	22.9	34.4
JUNIATA	181.9	113.3	29.9	24.1	53.0
LACKAWANNA	213.3	142.3	26.2	16.6	23.8
LANCASTER	151.9	127.7	25.1	16.5	26.4
LAWRENCE	186.4	120.4	26.9	14.1	29.7
LEBANON	199.6	137.2	25.9	22.6	29.5
LEHIGH	177.9	134.8	22.3	15.8	26.4
LUZERNE	219.2	136.4	26.2	15.6	29.1
LYCOMING	171.3	129.1	27.5	22.8	33.0
MCKEAN	218.3	118.7	19.9	19.8	43.9
MERCER	177.1	125.4	24.7	19.0	32.1
MIFFLIN	192.5	131.5	27.6	18.9	32.5
MONROE	182.2	127.2	21.5	14.6	42.1
MONTGOMERY	144.2	129.6	24.2	14.8	24.6
MONTOUR	195.1	130.6	27.6	13.7	56.3
NORTHAMPTON	172.5	127.0	21.7	15.3	26.5
NORTHUMBERLAND	194.2	136.9	31.2	13.6	39.0
PERRY	193.4	134.6	35.2	20.4	41.7
PHILADELPHIA	191.9	177.0	34.5	17.7	34.6
PIKE	167.5	108.8	18.1	14.6	32.9
POTTER	167.8	123.6	27.4	21.6	46.4
SCHUYLKILL	203.6	144.3	30.3	15.7	38.4
SNYDER	192.4	122.4	24.9	17.0	44.9
SOMERSET	198.9	129.7	27.9	16.3	38.7
SULLIVAN	204.7	139.0	20.2	23.3	44.5
SUSQUEHANNA	198.3	127.0	24.6	20.0	46.0
TIOGA	168.6	116.7	32.0	25.0	42.2
UNION	174.3	120.4	25.3	19.1	42.5
VENANGO	199.2	129.1	26.9	25.9	37.9
WARREN	175.8	119.4	30.4	17.5	50.3
WASHINGTON	192.8	133.8	26.8	19.1	29.1
WAYNE	181.1	121.5	24.7	13.2	52.4
WESTMORELAND	193.5	134.6	28.0	15.4	29.1
WYOMING	176.7	118.3	27.6	16.7	41.9
YORK	169.9	136.0	24.6	16.7	29.9

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 100,000 POPULATION.

TABLE C-28
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS)											
		UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL COUNTIES	122,956	1,948	172	184	616	859	2,360	3,338	5,624	14,679	29,890	36,804	26,482
ADAMS	668	2	3	1	6	6	14	9	28	86	157	194	162
ALLEGHENY	15,386	247	13	17	53	78	245	354	660	1,892	3,898	4,672	3,257
ARMSTRONG	859	7	0	1	2	6	11	18	31	85	210	286	202
BEAVER	1,987	27	2	7	10	18	32	37	89	250	552	596	367
BEDFORD	494	4	0	1	3	2	6	6	22	54	132	174	90
BERKS	3,411	54	3	5	13	20	51	82	132	353	791	1,038	869
BLAIR	1,561	15	3	3	4	9	17	30	61	203	381	467	368
BRADFORD	604	6	1	0	4	6	10	9	21	79	134	181	153
BUCKS	4,115	67	7	7	27	31	117	112	217	557	950	1,094	929
BUTLER	1,444	25	0	2	10	10	28	41	61	187	324	430	326
CAMBRIA	1,848	11	0	2	9	11	20	44	81	214	518	568	370
CAMERON	69	4	0	0	1	0	3	1	1	7	25	19	8
CARBON	633	8	2	0	6	7	7	16	27	80	165	186	129
CENTRE	716	12	2	0	4	6	13	14	30	68	154	228	185
CHESTER	2,549	41	2	5	17	19	60	86	130	301	587	727	574
CLARION	396	5	1	0	0	3	10	8	14	45	89	117	104
CLEARFIELD	868	16	5	3	5	8	13	16	36	108	220	276	162
CLINTON	416	9	0	1	3	2	8	7	15	58	106	109	98
COLUMBIA	635	5	1	0	5	4	11	13	32	74	160	190	140
CRAWFORD	882	16	0	1	7	5	18	19	34	106	228	263	185
CUMBERLAND	1,682	21	1	1	8	11	25	43	76	184	398	485	429
DAUPHIN	2,331	44	5	8	7	17	36	66	111	303	568	667	499
DELAWARE	5,465	71	7	5	15	36	116	150	218	650	1,350	1,570	1,277
ELK	348	1	1	1	2	2	3	4	20	46	83	109	76
ERIE	2,635	49	3	6	12	20	47	70	101	325	693	757	552
FAYETTE	1,890	12	2	0	12	10	27	49	91	238	484	613	352
FOREST	64	0	0	0	0	0	0	1	0	5	15	35	8
FRANKLIN	1,044	13	3	0	8	9	17	28	46	129	239	323	229
FULTON	123	1	0	0	1	0	5	3	8	21	26	36	22
GREENE	396	4	0	0	3	4	6	9	16	48	102	111	93
HUNTINGDON	397	5	1	0	3	2	7	7	25	46	91	135	75
INDIANA	845	16	3	0	4	7	14	17	34	91	222	278	159
JEFFERSON	528	7	0	0	4	3	0	6	21	62	127	148	150

(CONTINUED)

TABLE C-28
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS)											
		UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
JUNIATA	206	1	0	1	2	1	1	3	8	39	37	58	55
LACKAWANNA	2,750	15	6	4	12	13	35	45	101	285	702	963	569
LANCASTER	3,386	68	7	8	17	29	53	78	148	319	683	1,046	930
LAWRENCE	1,015	11	0	0	2	7	11	19	34	117	258	318	238
LEBANON	1,101	14	2	0	8	7	17	20	46	131	272	320	264
LEHIGH	2,745	33	3	4	15	14	51	85	108	292	687	824	629
LUZERNE	4,314	36	3	5	10	22	47	90	161	490	1,100	1,482	868
LYCOMING	1,143	18	2	3	6	8	21	25	52	119	252	368	269
MCKEAN	540	2	3	1	3	4	5	12	25	63	109	182	131
MERCER	1,305	19	0	1	6	10	22	34	46	149	325	391	302
MIFFLIN	460	6	2	0	2	5	9	10	21	44	113	146	102
MONROE	830	16	1	2	3	10	24	25	32	121	203	225	168
MONTGOMERY	6,101	79	10	10	23	31	89	154	219	648	1,319	1,867	1,652
MONTOUR	197	4	0	0	3	5	7	5	4	14	27	62	66
NORTHAMPTON	2,122	26	7	7	10	11	30	50	77	242	536	680	446
NORTHUMBERLAND	1,204	8	1	0	7	12	15	17	38	125	294	443	244
PERRY	322	6	0	2	1	5	9	12	19	33	74	89	72
PHILADELPHIA	20,495	583	31	39	134	199	670	942	1,298	2,685	4,908	5,427	3,579
PIKE	233	7	0	0	1	0	3	6	11	29	58	71	47
POTTER	196	2	0	0	2	0	3	4	15	14	45	54	57
SCHUYLKILL	1,995	10	0	1	10	14	27	31	77	245	562	656	362
SNYDER	267	6	0	0	3	1	6	11	23	29	58	87	43
SOMERSET	827	13	0	1	7	7	12	15	30	99	207	257	179
SULLIVAN	82	0	0	0	2	1	0	1	6	9	10	31	22
SUSQUEHANNA	384	2	0	1	3	1	10	7	14	45	98	110	93
TIOGA	391	5	1	0	1	5	5	8	14	48	88	122	94
UNION	287	1	1	3	3	2	8	10	15	27	69	74	74
VENANGO	627	11	1	0	3	2	13	20	30	81	162	183	121
WARREN	476	4	3	1	4	3	10	9	12	56	97	161	116
WASHINGTON	2,293	30	2	0	11	6	29	42	108	281	575	712	497
WAYNE	425	3	3	1	3	8	5	10	16	48	101	140	87
WESTMORELAND	3,932	36	4	4	11	29	56	78	174	469	969	1,257	845
WYOMING	229	6	2	2	2	0	2	6	14	19	52	74	50
YORK	2,787	42	6	6	18	15	58	79	139	309	661	842	612

* UNKNOWN AGE INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-29
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL COUNTIES	122,956	110,599	55,229	55,370	12,357	6,638	5,719
ADAMS	668	660	334	326	8	5	3
ALLEGHENY	15,386	13,669	6,678	6,991	1,717	902	815
ARMSTRONG	859	848	428	420	11	7	4
BEAVER	1,987	1,836	955	881	151	90	61
BEDFORD	494	489	269	220	5	1	4
BERKS	3,411	3,331	1,664	1,667	80	47	33
BLAIR	1,561	1,551	799	752	10	7	3
BRADFORD	604	601	311	290	3	3	0
BUCKS	4,115	4,014	2,021	1,993	101	58	43
BUTLER	1,444	1,438	724	714	6	4	2
CAMBRIA	1,848	1,818	946	872	30	21	9
CAMERON	69	69	39	30	0	0	0
CARBON	633	633	330	303	0	0	0
CENTRE	716	712	374	338	4	3	1
CHESTER	2,549	2,323	1,185	1,138	226	125	101
CLARION	396	395	189	206	1	1	0
CLEARFIELD	868	864	473	391	4	3	1
CLINTON	416	416	212	204	0	0	0
COLUMBIA	635	634	329	305	1	1	0
CRAWFORD	882	870	457	413	12	5	7
CUMBERLAND	1,682	1,652	789	863	30	16	14
DAUPHIN	2,331	2,025	1,009	1,016	306	172	134
DELAWARE	5,465	4,932	2,330	2,602	533	269	264
ELK	348	348	184	164	0	0	0
ERIE	2,635	2,515	1,227	1,288	120	69	51
FAYETTE	1,890	1,816	965	851	74	37	37
FOREST	64	62	33	29	2	1	1
FRANKLIN	1,044	1,029	565	464	15	8	7
FULTON	123	122	73	49	1	0	1
GREENE	396	394	188	206	2	2	0
HUNTINGDON	397	387	217	170	10	6	4
INDIANA	845	839	434	405	6	5	1
JEFFERSON	528	528	259	269	0	0	0

(CONTINUED)

TABLE C-29
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1989

COUNTY	TOTAL DEATHS	WHITE *			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
JUNIATA	206	206	110	96	0	0	0
LACKAWANNA	2,750	2,741	1,362	1,379	9	2	7
LANCASTER	3,386	3,311	1,613	1,698	75	42	33
LAWRENCE	1,015	984	511	473	31	20	11
LEBANON	1,101	1,091	545	546	10	8	2
LEHIGH	2,745	2,715	1,329	1,386	30	19	11
LUZERNE	4,314	4,290	2,140	2,150	24	12	12
LYCOMING	1,143	1,124	558	566	19	12	7
MCKEAN	540	540	266	274	0	0	0
MERCER	1,305	1,256	605	651	49	25	24
MIFFLIN	460	460	227	233	0	0	0
MONROE	830	815	448	367	15	7	8
MONTGOMERY	6,101	5,804	2,733	3,071	297	165	132
MONTOUR	197	196	90	106	1	1	0
NORTHAMPTON	2,122	2,094	1,044	1,050	28	12	16
NORTHUMBERLAND	1,204	1,203	584	619	1	1	0
PERRY	322	322	181	141	0	0	0
PHILADELPHIA	20,495	12,435	6,160	6,275	8,060	4,313	3,747
PIKE	233	233	127	106	0	0	0
POTTER	196	196	87	109	0	0	0
SCHUYLKILL	1,995	1,992	970	1,022	3	0	3
SNYDER	267	266	147	119	1	1	0
SOMERSET	827	824	431	393	3	2	1
SULLIVAN	82	82	42	40	0	0	0
SUSQUEHANNA	384	383	207	176	1	0	1
TIOGA	391	391	188	203	0	0	0
UNION	287	283	129	154	4	4	0
VENANGO	627	625	336	289	2	1	1
WARREN	476	476	247	229	0	0	0
WASHINGTON	2,293	2,221	1,115	1,106	72	41	31
WAYNE	425	425	222	203	0	0	0
WESTMORELAND	3,932	3,856	1,973	1,883	76	40	36
WYOMING	229	229	115	114	0	0	0
YORK	2,787	2,710	1,397	1,313	77	42	35

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

TABLE C-30
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	122,956	1021.2	44,784	372.0	433	3.6	1,090	9.1	13,270	110.2
ADAMS	668	891.7	224	299.0	4	5.3	3	4.0	46	61.4
ALLEGHENY	15,386	1132.9	5,719	421.1	52	3.8	147	10.8	1,767	130.1
ARMSTRONG	859	1109.4	355	458.5	2	2.6	2	2.6	151	195.0
BEAVER	1,987	1043.9	776	407.7	12	6.3	16	8.4	249	130.8
BEDFORD	494	1031.4	201	419.7	0	-	9	18.8	67	139.9
BERKS	3,411	1023.4	1,262	378.6	9	2.7	33	9.9	318	95.4
BLAIR	1,561	1175.6	630	474.5	7	5.3	14	10.5	200	150.6
BRADFORD	604	935.3	213	329.8	3	4.6	4	6.2	77	119.2
BUCKS	4,115	756.3	1,386	254.7	12	2.2	29	5.3	416	76.5
BUTLER	1,444	942.7	542	353.8	3	2.0	8	5.2	228	148.8
CAMBRIA	1,848	1090.3	732	431.9	6	3.5	14	8.3	232	136.9
CAMERON	69	1075.3	20	311.7	0	-	2	31.2	3	46.8
CARBON	633	1117.6	230	406.1	2	3.5	5	8.8	58	102.4
CENTRE	716	620.5	257	222.7	3	2.6	0	-	54	46.8
CHESTER	2,549	694.5	869	236.8	8	2.2	29	7.9	263	71.7
CLARION	396	952.0	158	379.9	0	-	2	4.8	50	120.2
CLEARFIELD	868	1072.6	322	397.9	1	1.2	4	4.9	99	122.3
CLINTON	416	1084.0	140	364.8	1	2.6	6	15.6	35	91.2
COLUMBIA	635	1036.2	239	390.0	2	3.3	1	1.6	58	94.6
CRAWFORD	882	1032.4	343	401.5	4	4.7	8	9.4	99	115.9
CUMBERLAND	1,682	855.4	624	317.3	4	2.0	12	6.1	204	103.7
DAUPHIN	2,331	962.7	779	321.7	3	1.2	16	6.6	250	103.2
DELAWARE	5,465	979.1	1,843	330.2	19	3.4	62	11.1	445	79.7
ELK	348	959.8	127	350.3	1	2.8	1	2.8	35	96.5
ERIE	2,635	952.7	925	334.5	9	3.3	24	8.7	327	118.2
FAYETTE	1,890	1257.8	756	503.1	8	5.3	8	5.3	346	230.3
FOREST	64	1336.4	27	563.8	0	-	1	20.9	6	125.3
FRANKLIN	1,044	870.4	354	295.1	4	3.3	4	3.3	93	77.5
FULTON	123	860.4	47	328.8	1	7.0	0	-	9	63.0
GREENE	396	1007.2	174	442.6	2	5.1	5	12.7	45	114.5
HUNTINGDON	397	929.9	172	402.9	1	2.3	1	2.3	69	161.6
INDIANA	845	923.8	280	306.1	2	2.2	6	6.6	78	85.3
JEFFERSON	528	1112.6	215	453.0	1	2.1	3	6.3	69	145.4

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	206	1009.7	85	416.6	2	9.8	1	4.9	24	117.6
LACKAWANNA	2,750	1234.4	1,181	530.1	15	6.7	24	10.8	352	158.0
LANCASTER	3,386	804.4	1,208	287.0	18	4.3	35	8.3	412	97.9
LAWRENCE	1,015	1003.5	425	420.2	2	2.0	8	7.9	151	149.3
LEBANON	1,101	958.7	435	378.8	6	5.2	11	9.6	170	148.0
LEHIGH	2,745	938.6	1,068	365.2	13	4.4	30	10.3	299	102.2
LUZERNE	4,314	1290.5	1,740	520.5	14	4.2	40	12.0	533	159.4
LYCOMING	1,143	957.9	425	356.2	6	5.0	4	3.4	113	94.7
MCKEAN	540	1192.5	218	481.4	0	-	3	6.6	65	143.5
MERCER	1,305	1067.7	482	394.4	10	8.2	12	9.8	152	124.4
MIFFLIN	460	983.6	162	346.4	0	-	1	2.1	51	109.1
MONROE	830	853.2	290	298.1	1	1.0	0	-	75	77.1
MONTGOMERY	6,101	882.8	2,110	305.3	24	3.5	58	8.4	639	92.5
MONTOUR	197	1191.7	76	459.7	1	6.0	1	6.0	17	102.8
NORTHAMPTON	2,122	857.8	821	331.9	8	3.2	14	5.7	238	96.2
NORTHUMBERLAND	1,204	1215.0	445	449.1	1	1.0	10	10.1	104	105.0
PERRY	322	788.8	135	330.7	4	9.8	3	7.3	40	98.0
PHILADELPHIA	20,495	1245.0	6,558	398.4	60	3.6	243	14.8	1,401	85.1
PIKE	233	812.2	88	306.7	0	-	3	10.5	24	83.7
POTTER	196	1114.5	76	432.1	2	11.4	0	-	22	125.1
SCHUYLKILL	1,995	1285.6	804	518.1	6	3.9	11	7.1	311	200.4
SNYDER	267	737.7	109	301.2	0	-	1	2.8	30	82.9
SOMERSET	827	1027.6	337	418.7	4	5.0	13	16.2	135	167.7
SULLIVAN	82	1266.6	29	447.9	0	-	0	-	10	154.5
SUSQUEHANNA	384	941.5	162	397.2	1	2.5	7	17.2	48	117.7
TIOGA	391	959.0	144	353.2	3	7.4	3	7.4	28	68.7
UNION	287	809.5	90	253.8	3	8.5	3	8.5	22	62.1
VENANGO	627	1035.6	220	363.4	3	5.0	6	9.9	82	135.4
WARREN	476	1048.9	184	405.5	3	6.6	1	2.2	51	112.4
WASHINGTON	2,293	1099.3	869	416.6	5	2.4	9	4.3	320	153.4
WAYNE	425	1029.2	154	372.9	1	2.4	12	29.1	51	123.5
WESTMORELAND	3,932	1039.3	1,568	414.5	18	4.8	29	7.7	596	157.5
WYOMING	229	815.4	95	338.2	0	-	2	7.1	21	74.8
YORK	2,787	823.9	1,050	310.4	13	3.8	13	3.8	237	70.1

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* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	16,538	137.4	13,453	111.7	29,064	241.4	423	3.5	7,368	61.2	7,811	64.9
ADAMS	96	128.1	75	100.1	163	217.6	0	-	36	48.1	50	66.7
ALLEGHENY	2,006	147.7	1,747	128.6	3,907	287.7	59	4.3	971	71.5	1,088	80.1
ARMSTRONG	119	153.7	81	104.6	186	240.2	1	1.3	54	69.7	55	71.0
BEAVER	321	168.6	178	93.5	496	260.6	9	4.7	115	60.4	155	81.4
BEDFORD	88	183.7	37	77.3	118	246.4	0	-	38	79.3	39	81.4
BERKS	551	165.3	351	105.3	756	226.8	8	2.4	208	62.4	186	55.8
BLAIR	274	206.4	135	101.7	344	259.1	9	6.8	88	66.3	95	71.5
BRADFORD	74	114.6	55	85.2	123	190.5	1	1.5	28	43.4	32	49.6
BUCKS	432	79.4	497	91.3	1,003	184.3	13	2.4	237	43.6	257	47.2
BUTLER	183	119.5	120	78.3	335	218.7	2	1.3	78	50.9	96	62.7
CAMBRIA	292	172.3	188	110.9	422	249.0	7	4.1	100	59.0	102	60.2
CAMERON	9	140.3	6	93.5	19	296.1	0	-	5	77.9	4	62.3
CARBON	87	153.6	78	137.7	153	270.1	0	-	41	72.4	32	56.5
CENTRE	117	101.4	83	71.9	171	148.2	1	0.9	40	34.7	41	35.5
CHESTER	274	74.7	295	80.4	637	173.6	11	3.0	164	44.7	146	39.8
CLARION	81	194.7	25	60.1	69	165.9	0	-	21	50.5	17	40.9
CLEARFIELD	149	184.1	69	85.3	206	254.6	5	6.2	61	75.4	53	65.5
CLINTON	59	153.7	39	101.6	103	268.4	0	-	29	75.6	30	78.2
COLUMBIA	109	177.9	69	112.6	148	241.5	2	3.3	41	66.9	33	53.8
CRAWFORD	152	177.9	80	93.6	200	234.1	2	2.3	49	57.4	59	69.1
CUMBERLAND	244	124.1	160	81.4	385	195.8	6	3.1	96	48.8	101	51.4
DAUPHIN	258	106.5	252	104.1	561	231.7	7	2.9	137	56.6	158	65.3
DELAWARE	652	116.8	665	119.1	1,374	246.2	21	3.8	357	64.0	365	65.4
ELK	60	165.5	30	82.7	85	234.4	0	-	24	66.2	21	57.9
ERIE	371	134.1	194	70.1	626	226.3	18	6.5	150	54.2	162	58.6
FAYETTE	248	165.1	146	97.2	447	297.5	4	2.7	122	81.2	120	79.9
FOREST	14	292.3	6	125.3	11	229.7	0	-	2	41.8	4	83.5
FRANKLIN	148	123.4	105	87.5	244	203.4	6	5.0	77	64.2	48	40.0
FULTON	24	167.9	13	90.9	31	216.9	0	-	9	63.0	7	49.0
GREENE	88	223.8	34	86.5	84	213.7	0	-	22	56.0	19	48.3
HUNTINGDON	73	171.0	28	65.6	75	175.7	0	-	24	56.2	17	39.8
INDIANA	127	138.8	67	73.2	200	218.7	1	1.1	52	56.9	47	51.4
JEFFERSON	99	208.6	43	90.6	107	225.5	1	2.1	21	44.3	30	63.2

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1989

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	31	151.9	27	132.3	32	156.8	1	4.9	9	44.1	3	14.7
LACKAWANNA	405	181.8	385	172.8	604	271.1	15	6.7	169	75.9	144	64.6
LANCASTER	347	82.4	396	94.1	818	194.3	11	2.6	205	48.7	205	48.7
LAWRENCE	201	198.7	63	62.3	243	240.2	3	3.0	54	53.4	69	68.2
LEBANON	120	104.5	128	111.5	251	218.6	5	4.4	67	58.3	65	56.6
LEHIGH	378	129.3	348	119.0	656	224.3	5	1.7	157	53.7	144	49.2
LUZERNE	537	160.6	616	184.3	910	272.2	22	6.6	287	85.9	220	65.8
LYCOMING	148	124.0	154	129.1	230	192.8	2	1.7	57	47.8	60	50.3
MCKEAN	78	172.3	72	159.0	110	242.9	3	6.6	28	61.8	26	57.4
MERCER	214	175.1	94	76.9	305	249.5	3	2.5	77	63.0	81	66.3
MIFFLIN	62	132.6	48	102.6	115	245.9	1	2.1	28	59.9	35	74.8
MONROE	84	86.3	130	133.6	212	217.9	5	5.1	44	45.2	70	72.0
MONTGOMERY	752	108.8	637	92.2	1,501	217.2	14	2.0	402	58.2	377	54.6
MONTOUR	37	223.8	20	121.0	38	229.9	0	-	10	60.5	10	60.5
NORTHAMPTON	309	124.9	252	101.9	543	219.5	5	2.0	132	53.4	145	58.6
NORTHUMBERLAND	217	219.0	113	114.0	296	298.7	4	4.0	64	64.6	77	77.7
PERRY	53	129.8	35	85.7	67	164.1	1	2.4	12	29.4	23	56.3
PHILADELPHIA	2,249	136.6	2,605	158.2	4,687	284.7	85	5.2	1,184	71.9	1,361	82.7
PIKE	32	111.5	29	101.1	60	209.1	0	-	14	48.8	20	69.7
POTTER	31	176.3	21	119.4	41	233.1	0	-	12	68.2	14	79.6
SCHUYLKILL	317	204.3	159	102.5	457	294.5	5	3.2	133	85.7	122	78.6
SNYDER	45	124.3	33	91.2	58	160.3	0	-	16	44.2	14	38.7
SOMERSET	137	170.2	48	59.6	193	239.8	2	2.5	48	59.6	51	63.4
SULLIVAN	9	139.0	10	154.5	13	200.8	0	-	4	61.8	4	61.8
SUSQUEHANNA	63	154.5	43	105.4	93	228.0	1	2.5	24	58.8	34	83.4
TIOGA	77	188.9	33	80.9	78	191.3	3	7.4	16	39.2	19	46.6
UNION	40	112.8	22	62.1	71	200.3	0	-	18	50.8	18	50.8
VENANGO	101	166.8	28	46.2	148	244.5	3	5.0	30	49.6	53	87.5
WARREN	83	182.9	46	101.4	91	200.5	2	4.4	23	50.7	23	50.7
WASHINGTON	379	181.7	156	74.8	543	260.3	8	3.8	127	60.9	160	76.7
WAYNE	52	125.9	38	92.0	100	242.2	1	2.4	22	53.3	22	53.3
WESTMORELAND	562	148.5	363	95.9	933	246.6	9	2.4	222	58.7	265	70.0
WYOMING	31	110.4	41	146.0	47	167.3	0	-	8	28.5	16	57.0
YORK	478	141.3	309	91.3	731	216.1	10	3.0	168	49.7	192	56.8

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1989

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	3,295	27.4	4,382	36.4	3,109	25.8	996	8.3	1,680	14.0
ADAMS	20	26.7	21	28.0	13	17.4	15	20.0	8	10.7
ALLEGHENY	442	32.5	609	44.8	401	29.5	134	9.9	203	14.9
ARMSTRONG	24	31.0	21	27.1	13	16.8	3	3.9	15	19.4
BEAVER	56	29.4	68	35.7	46	24.2	21	11.0	26	13.7
BEDFORD	14	29.2	13	27.1	7	14.6	3	6.3	4	8.4
BERKS	96	28.8	115	34.5	66	19.8	27	8.1	50	15.0
BLAIR	29	21.8	52	39.2	37	27.9	11	8.3	23	17.3
BRADFORD	14	21.7	20	31.0	10	15.5	7	10.8	11	17.0
BUCKS	119	21.9	154	28.3	121	22.2	42	7.7	60	11.0
BUTLER	36	23.5	52	33.9	26	17.0	17	11.1	28	18.3
CAMBRIA	48	28.3	57	33.6	50	29.5	25	14.7	33	19.5
CAMERON	1	15.6	2	31.2	3	46.8	2	31.2	2	31.2
CARBON	16	28.2	23	40.6	20	35.3	5	8.8	16	28.2
CENTRE	12	10.4	29	25.1	19	16.5	13	11.3	16	13.9
CHESTER	70	19.1	115	31.3	72	19.6	25	6.8	34	9.3
CLARION	6	14.4	12	28.8	5	12.0	5	12.0	3	7.2
CLEARFIELD	21	26.0	24	29.7	20	24.7	6	7.4	16	19.8
CLINTON	8	20.8	13	33.9	14	36.5	3	7.8	6	15.6
COLUMBIA	12	19.6	25	40.8	21	34.3	5	8.2	9	14.7
CRAWFORD	22	25.8	34	39.8	17	19.9	3	3.5	14	16.4
CUMBERLAND	54	27.5	48	24.4	46	23.4	10	5.1	24	12.2
DAUPHIN	71	29.3	83	34.3	59	24.4	22	9.1	24	9.9
DELAWARE	185	33.1	202	36.2	126	22.6	48	8.6	70	12.5
ELK	11	30.3	4	11.0	11	30.3	5	13.8	9	24.8
ERIE	66	23.9	109	39.4	66	23.9	15	5.4	40	14.5
FAYETTE	55	36.6	67	44.6	45	29.9	10	6.7	24	16.0
FOREST	0	-	2	41.8	2	41.8	0	-	1	20.9
FRANKLIN	32	26.7	36	30.0	23	19.2	8	6.7	14	11.7
FULTON	3	21.0	5	35.0	5	35.0	1	7.0	1	7.0
GREENE	9	22.9	14	35.6	14	35.6	1	2.5	5	12.7
HUNTINGDON	11	25.8	6	14.1	10	23.4	2	4.7	5	11.7
INDIANA	28	30.6	33	36.1	24	26.2	5	5.5	10	10.9
JEFFERSON	13	27.4	19	40.0	9	19.0	6	12.6	8	16.9

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	5	24.5	8	39.2	3	14.7	0	-	3	14.7
LACKAWANNA	58	26.0	101	45.3	67	30.1	24	10.8	26	11.7
LANCASTER	97	23.0	117	27.8	101	24.0	32	7.6	50	11.9
LAWRENCE	30	29.7	38	37.6	19	18.8	7	6.9	23	22.7
LEBANON	16	13.9	42	36.6	33	28.7	7	6.1	16	13.9
LEHIGH	93	31.8	103	35.2	84	28.7	25	8.5	45	15.4
LUZERNE	105	31.4	111	33.2	95	28.4	31	9.3	39	11.7
LYCOMING	26	21.8	27	22.6	36	30.2	9	7.5	13	10.9
MCKEAN	16	35.3	20	44.2	6	13.3	6	13.3	5	11.0
MERCER	31	25.4	55	45.0	35	28.6	8	6.5	15	12.3
MIFFLIN	12	25.7	13	27.8	15	32.1	5	10.7	6	12.8
MONROE	17	17.5	28	28.8	24	24.7	5	5.1	19	19.5
MONTGOMERY	192	27.8	228	33.0	147	21.3	55	8.0	86	12.4
MONTOUR	2	12.1	8	48.4	3	18.1	2	12.1	3	18.1
NORTHAMPTON	60	24.3	85	34.4	63	25.5	22	8.9	31	12.5
NORTHUMBERLAND	32	32.3	53	53.5	38	38.3	8	8.1	20	20.2
PERRY	10	24.5	8	19.6	9	22.0	1	2.4	3	7.3
PHILADELPHIA	484	29.4	675	41.0	502	30.5	135	8.2	261	15.9
PIKE	4	13.9	13	45.3	5	17.4	1	3.5	3	10.5
POTTER	2	11.4	3	17.1	7	39.8	2	11.4	1	5.7
SCHUYLKILL	55	35.4	73	47.0	37	23.8	11	7.1	21	13.5
SNYDER	11	30.4	6	16.6	8	22.1	1	2.8	2	5.5
SOMERSET	15	18.6	38	47.2	20	24.9	5	6.2	14	17.4
SULLIVAN	3	46.3	2	30.9	0	-	0	-	0	-
SUSQUEHANNA	9	22.1	8	19.6	8	19.6	4	9.8	5	12.3
TIOGA	11	27.0	12	29.4	9	22.1	4	9.8	4	9.8
UNION	6	16.9	9	25.4	13	36.7	2	5.6	5	14.1
VENANGO	16	26.4	18	29.7	17	28.1	3	5.0	8	13.2
WARREN	6	13.2	15	33.1	13	28.6	5	11.0	4	8.8
WASHINGTON	53	25.4	89	42.7	63	30.2	15	7.2	28	13.4
WAYNE	10	24.2	18	43.6	13	31.5	5	12.1	9	21.8
WESTMORELAND	114	30.1	146	38.6	95	25.1	30	7.9	52	13.7
WYOMING	3	10.7	7	24.9	9	32.0	1	3.6	3	10.7
YORK	87	25.7	118	34.9	91	26.9	20	5.9	45	13.3

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

					UNINTENTIONAL INJURIES							
	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS		OTHER		MOTOR VEHICLE		PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	7,683	63.8	4,496	37.3	2,425	20.1	1,940	16.1	3,949	32.8	3,311	27.5
ADAMS	50	66.7	29	38.7	8	10.7	20	26.7	19	25.4	28	37.4
ALLEGHENY	955	70.3	524	38.6	290	21.4	131	9.6	456	33.6	400	29.5
ARMSTRONG	41	53.0	38	49.1	13	16.8	13	16.8	36	46.5	35	45.2
BEAVER	121	63.6	69	36.3	33	17.3	17	8.9	62	32.6	63	33.1
BEDFORD	30	62.6	19	39.7	8	16.7	10	20.9	10	20.9	13	27.1
BERKS	235	70.5	153	45.9	59	17.7	73	21.9	154	46.2	74	22.2
BLAIR	107	80.6	63	47.4	29	21.8	20	15.1	53	39.9	37	27.9
BRADFORD	31	48.0	27	41.8	13	20.1	14	21.7	18	27.9	19	29.4
BUCKS	256	47.0	177	32.5	59	10.8	77	14.2	139	25.5	79	14.5
BUTLER	75	49.0	77	50.3	29	18.9	34	22.2	59	38.5	47	30.7
CAMBRIA	123	72.6	77	45.4	41	24.2	28	16.5	42	24.8	57	33.6
CAMERON	5	77.9	3	46.8	3	46.8	1	15.6	4	62.3	2	31.2
CARBON	42	74.2	22	38.8	4	7.1	18	31.8	13	23.0	23	40.6
CENTRE	50	43.3	27	23.4	20	17.3	16	13.9	28	24.3	22	19.1
CHESTER	148	40.3	90	24.5	45	12.3	60	16.3	97	26.4	51	13.9
CLARION	32	76.9	20	48.1	2	4.8	11	26.4	14	33.7	6	14.4
CLEARFIELD	42	51.9	42	51.9	23	28.4	23	28.4	34	42.0	35	43.3
CLINTON	36	93.8	18	46.9	5	13.0	11	28.7	16	41.7	13	33.9
COLUMBIA	49	80.0	26	42.4	10	16.3	13	21.2	28	45.7	13	21.2
CRAWFORD	59	69.1	46	53.8	23	26.9	19	22.2	25	29.3	22	25.8
CUMBERLAND	131	66.6	79	40.2	20	10.2	28	14.2	65	33.1	42	21.4
DAUPHIN	127	52.4	91	37.6	51	21.1	42	17.3	75	31.0	74	30.6
DELAWARE	384	68.8	229	41.0	101	18.1	48	8.6	168	30.1	134	24.0
ELK	21	57.9	15	41.4	8	22.1	5	13.8	7	19.3	13	35.9
ERIE	214	77.4	87	31.5	42	15.2	44	15.9	99	35.8	83	30.0
FAYETTE	104	69.2	61	40.6	50	33.3	37	24.6	60	39.9	37	24.6
FOREST	2	41.8	1	20.9	1	20.9	0	-	4	83.5	4	83.5
FRANKLIN	81	67.5	40	33.3	15	12.5	39	32.5	32	26.7	35	29.2
FULTON	3	21.0	3	21.0	2	14.0	2	14.0	1	7.0	2	14.0
GREENE	19	48.3	14	35.6	5	12.7	19	48.3	9	22.9	10	25.4
HUNTINGDON	23	53.9	18	42.2	5	11.7	10	23.4	11	25.8	12	28.1
INDIANA	42	45.9	29	31.7	27	29.5	21	23.0	32	35.0	27	29.5
JEFFERSON	46	96.9	25	52.7	10	21.1	2	4.2	17	35.8	14	29.5

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* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1989

	CEREBROVASCU-LAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS		UNINTENTIONAL INJURIES				PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
					OTHER		MOTOR VEHICLE					
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	10	49.0	14	68.6	2	9.8	6	29.4	6	29.4	6	29.4
LACKAWANNA	156	70.0	93	41.7	32	14.4	33	14.8	79	35.5	71	31.9
LANCASTER	235	55.8	117	27.8	62	14.7	61	14.5	123	29.2	94	22.3
LAWRENCE	62	61.3	18	17.8	18	17.8	14	13.8	30	29.7	29	28.7
LEBANON	82	71.4	53	46.1	15	13.1	23	20.0	35	30.5	32	27.9
LEHIGH	149	50.9	97	33.2	53	18.1	52	17.8	77	26.3	75	25.6
LUZERNE	234	70.0	143	42.8	64	19.1	47	14.1	119	35.6	152	45.5
LYCOMING	83	69.6	59	49.4	14	11.7	30	25.1	39	32.7	51	42.7
MCKEAN	21	46.4	18	39.8	8	17.7	15	33.1	18	39.8	24	53.0
MERCER	75	61.4	51	41.7	21	17.2	25	20.5	61	49.9	43	35.2
MIFFLIN	30	64.1	19	40.6	4	8.6	12	25.7	8	17.1	12	25.7
MONROE	42	43.2	26	26.7	14	14.4	33	33.9	19	19.5	28	28.8
MONTGOMERY	443	64.1	201	29.1	117	16.9	86	12.4	229	33.1	98	14.2
MONTOUR	9	54.4	6	36.3	3	18.1	11	66.5	8	48.4	4	24.2
NORTHAMPTON	122	49.3	75	30.3	43	17.4	39	15.8	50	20.2	70	28.3
NORTHUMBERLAND	86	86.8	33	33.3	21	21.2	29	29.3	34	34.3	36	36.3
PERRY	15	36.7	18	44.1	4	9.8	13	31.8	13	31.8	11	26.9
PHILADELPHIA	1,194	72.5	638	38.8	594	36.1	198	12.0	629	38.2	487	29.6
PIKE	11	38.3	5	17.4	6	20.9	4	13.9	7	24.4	7	24.4
POTTER	12	68.2	7	39.8	9	51.2	4	22.7	4	22.7	5	28.4
SCHUYLKILL	123	79.3	61	39.3	34	21.9	39	25.1	37	23.8	59	38.0
SNYDER	13	35.9	6	16.6	5	13.8	12	33.2	7	19.3	10	27.6
SOMERSET	53	65.9	28	34.8	13	16.2	25	31.1	19	23.6	16	19.9
SULLIVAN	6	92.7	4	61.8	4	61.8	3	46.3	3	46.3	1	15.4
SUSQUEHANNA	27	66.2	15	36.8	9	22.1	8	19.6	12	29.4	7	17.2
TIOGA	39	95.7	17	41.7	4	9.8	8	19.6	23	56.4	18	44.1
UNION	15	42.3	11	31.0	3	8.5	18	50.8	11	31.0	13	36.7
VENANGO	27	44.6	37	61.1	15	24.8	7	11.6	26	42.9	33	54.5
WARREN	34	74.9	22	48.5	19	41.9	18	39.7	17	37.5	13	28.6
WASHINGTON	158	75.7	93	44.6	35	16.8	24	11.5	91	43.6	70	33.6
WAYNE	25	60.5	15	36.3	8	19.4	12	29.1	19	46.0	11	26.6
WESTMORELAND	233	61.6	149	39.4	71	18.8	64	16.9	112	29.6	136	35.9
WYOMING	10	35.6	6	21.4	4	14.2	4	14.2	7	24.9	9	32.0
YORK	165	48.8	102	30.2	43	12.7	57	16.9	90	26.6	54	16.0

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1989

	SEPTICEMIA		SUICIDE		NEPHRITIS AND NEPHROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	1,664	13.8	1,439	12.0	1,357	11.3	1,348	11.2	996	8.3	896	7.4
ADAMS	6	8.0	6	8.0	4	5.3	2	2.7	9	12.0	1	1.3
ALLEGHENY	195	14.4	174	12.8	191	14.1	179	13.2	121	8.9	127	9.4
ARMSTRONG	5	6.5	4	5.2	11	14.2	8	10.3	7	9.0	4	5.2
BEAVER	17	8.9	32	16.8	31	16.3	20	10.5	15	7.9	16	8.4
BEDFORD	5	10.4	5	10.4	4	8.4	2	4.2	4	8.4	3	6.3
BERKS	32	9.6	43	12.9	27	8.1	36	10.8	37	11.1	21	6.3
BLAIR	24	18.1	16	12.0	12	9.0	19	14.3	14	10.5	6	4.5
BRADFORD	8	12.4	15	23.2	2	3.1	9	13.9	4	6.2	2	3.1
BUCKS	72	13.2	65	11.9	46	8.5	37	6.8	24	4.4	33	6.1
BUTLER	12	7.8	25	16.3	12	7.8	12	7.8	15	9.8	13	8.5
CAMBRIA	14	8.3	27	15.9	20	11.8	16	9.4	10	5.9	8	4.7
CAMERON	0	-	2	31.2	0	-	0	-	1	15.6	1	15.6
CARBON	3	5.3	7	12.4	9	15.9	5	8.8	6	10.6	4	7.1
CENTRE	6	5.2	4	3.5	7	6.1	11	9.5	8	6.9	7	6.1
CHESTER	36	9.8	40	10.9	40	10.9	24	6.5	25	6.8	21	5.7
CLARION	4	9.6	6	14.4	5	12.0	4	9.6	3	7.2	2	4.8
CLEARFIELD	12	14.8	7	8.7	7	8.7	7	8.7	6	7.4	4	4.9
CLINTON	3	7.8	5	13.0	5	13.0	2	5.2	3	7.8	1	2.6
COLUMBIA	1	1.6	9	14.7	10	16.3	7	11.4	6	9.8	2	3.3
CRAWFORD	11	12.9	8	9.4	5	5.9	5	5.9	9	10.5	8	9.4
CUMBERLAND	13	6.6	17	8.6	23	11.7	14	7.1	12	6.1	7	3.6
DAUPHIN	37	15.3	24	9.9	25	10.3	24	9.9	22	9.1	25	10.3
DELAWARE	81	14.5	63	11.3	57	10.2	59	10.6	43	7.7	31	5.6
ELK	1	2.8	2	5.5	5	13.8	5	13.8	0	-	0	-
ERIE	27	9.8	33	11.9	26	9.4	21	7.6	20	7.2	25	9.0
FAYETTE	24	16.0	16	10.6	15	10.0	18	12.0	11	7.3	3	2.0
FOREST	0	-	1	20.9	0	-	0	-	2	41.8	0	-
FRANKLIN	9	7.5	11	9.2	9	7.5	8	6.7	9	7.5	4	3.3
FULTON	0	-	1	7.0	1	7.0	1	7.0	0	-	0	-
GREENE	2	5.1	6	15.3	3	7.6	2	5.1	1	2.5	1	2.5
HUNTINGDON	6	14.1	4	9.4	2	4.7	5	11.7	7	16.4	3	7.0
INDIANA	11	12.0	12	13.1	10	10.9	14	15.3	3	3.3	6	6.6
JEFFERSON	7	14.8	3	6.3	4	8.4	5	10.5	3	6.3	3	6.3

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	SEPTICEMIA		SUICIDE		NEPHRITIS AND NEPHROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	2	9.8	2	9.8	0	-	2	9.8	0	-
LACKAWANNA	32	14.4	25	11.2	30	13.5	33	14.8	21	9.4	9	4.0
LANCASTER	33	7.8	35	8.3	35	8.3	28	6.7	28	6.7	25	5.9
LAWRENCE	9	8.9	10	9.9	21	20.8	8	7.9	9	8.9	6	5.9
LEBANON	12	10.4	8	7.0	7	6.1	11	9.6	10	8.7	3	2.6
LEHIGH	30	10.3	37	12.7	42	14.4	28	9.6	16	5.5	12	4.1
LUZERNE	43	12.9	47	14.1	45	13.5	54	16.2	34	10.2	17	5.1
LYCOMING	11	9.2	13	10.9	11	9.2	11	9.2	8	6.7	6	5.0
MCKEAN	4	8.8	8	17.7	1	2.2	3	6.6	2	4.4	0	-
MERCER	9	7.4	19	15.5	15	12.3	19	15.5	11	9.0	8	6.5
MIFFLIN	10	21.4	8	17.1	6	12.8	1	2.1	5	10.7	3	6.4
MONROE	10	10.3	16	16.4	5	5.1	12	12.3	8	8.2	7	7.2
MONTGOMERY	86	12.4	68	9.8	64	9.3	62	9.0	56	8.1	35	5.1
MONTOUR	3	18.1	1	6.0	1	6.0	1	6.0	3	18.1	1	6.0
NORTHAMPTON	22	8.9	27	10.9	27	10.9	16	6.5	28	11.3	12	4.9
NORTHUMBERLAND	22	22.2	14	14.1	20	20.2	8	8.1	17	17.2	3	3.0
PERRY	5	12.2	4	9.8	2	4.9	1	2.4	2	4.9	0	-
PHILADELPHIA	508	30.9	234	14.2	249	15.1	354	21.5	132	8.0	279	16.9
PIKE	1	3.5	1	3.5	1	3.5	7	24.4	1	3.5	1	3.5
POTTER	1	5.7	3	17.1	2	11.4	1	5.7	0	-	0	-
SCHUYLKILL	14	9.0	21	13.5	22	14.2	18	11.6	20	12.9	5	3.2
SNYDER	4	11.1	2	5.5	1	2.8	0	-	3	8.3	4	11.1
SOMERSET	3	3.7	7	8.7	6	7.5	7	8.7	9	11.2	9	11.2
SULLIVAN	1	15.4	1	15.4	1	15.4	2	30.9	0	-	0	-
SUSQUEHANNA	0	-	7	17.2	2	4.9	1	2.5	3	7.4	0	-
TIOGA	0	-	1	2.5	4	9.8	5	12.3	4	9.8	2	4.9
UNION	6	16.9	5	14.1	1	2.8	1	2.8	5	14.1	0	-
VENANGO	5	8.3	12	19.8	5	8.3	5	8.3	5	8.3	3	5.0
WARREN	4	8.8	2	4.4	3	6.6	5	11.0	7	15.4	2	4.4
WASHINGTON	23	11.0	25	12.0	31	14.9	16	7.7	18	8.6	16	7.7
WAYNE	4	9.7	6	14.5	7	17.0	3	7.3	3	7.3	1	2.4
WESTMORELAND	42	11.1	37	9.8	37	9.8	29	7.7	36	9.5	21	5.6
WYOMING	2	7.1	0	-	2	7.1	1	3.6	2	7.1	2	7.1
YORK	21	6.2	40	11.8	21	6.2	16	4.7	28	8.3	12	3.5

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	ATHERO-SCLEROSIS		HOMICIDE AND LEGAL INTERV		HIV INFECTION		CONGENITAL ANOMALIES		BENIGN AND UNSPECIFIED NEOPLASMS		PARKINSON'S DISEASE	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	827	6.9	782	6.5	651	5.4	557	4.6	465	3.9	457	3.8
ADAMS	8	10.7	2	2.7	3	4.0	4	5.3	8	10.7	0	-
ALLEGHENY	68	5.0	57	4.2	84	6.2	56	4.1	54	4.0	55	4.0
ARMSTRONG	4	5.2	1	1.3	1	1.3	3	3.9	3	3.9	2	2.6
BEAVER	7	3.7	4	2.1	2	1.1	8	4.2	7	3.7	9	4.7
BEDFORD	7	14.6	0	-	0	-	3	6.3	3	6.3	3	6.3
BERKS	24	7.2	15	4.5	13	3.9	21	6.3	14	4.2	12	3.6
BLAIR	15	11.3	1	0.8	0	-	5	3.8	6	4.5	2	1.5
BRADFORD	11	17.0	1	1.5	2	3.1	3	4.6	3	4.6	3	4.6
BUCKS	27	5.0	11	2.0	33	6.1	25	4.6	12	2.2	18	3.3
BUTLER	8	5.2	3	2.0	4	2.6	9	5.9	4	2.6	4	2.6
CAMBRIA	14	8.3	3	1.8	4	2.4	7	4.1	8	4.7	1	0.6
CAMERON	1	15.6	1	15.6	0	-	0	-	0	-	0	-
CARBON	6	10.6	1	1.8	0	-	2	3.5	4	7.1	4	7.1
CENTRE	3	2.6	0	-	1	0.9	5	4.3	4	3.5	2	1.7
CHESTER	15	4.1	11	3.0	14	3.8	11	3.0	7	1.9	12	3.3
CLARION	1	2.4	1	2.4	1	2.4	3	7.2	1	2.4	0	-
CLEARFIELD	5	6.2	0	-	1	1.2	7	8.7	2	2.5	2	2.5
CLINTON	2	5.2	0	-	3	7.8	5	13.0	0	-	4	10.4
COLUMBIA	3	4.9	1	1.6	4	6.5	4	6.5	0	-	1	1.6
CRAWFORD	6	7.0	0	-	3	3.5	4	4.7	2	2.3	2	2.3
CUMBERLAND	26	13.2	3	1.5	8	4.1	6	3.1	7	3.6	8	4.1
DAUPHIN	32	13.2	19	7.8	11	4.5	12	5.0	9	3.7	9	3.7
DELAWARE	51	9.1	35	6.3	22	3.9	23	4.1	18	3.2	23	4.1
ELK	3	8.3	1	2.8	1	2.8	1	2.8	0	-	2	5.5
ERIE	17	6.1	6	2.2	4	1.4	6	2.2	16	5.8	10	3.6
FAYETTE	9	6.0	4	2.7	4	2.7	7	4.7	4	2.7	4	2.7
FOREST	0	-	0	-	0	-	0	-	0	-	0	-
FRANKLIN	8	6.7	3	2.5	1	0.8	7	5.8	7	5.8	7	5.8
FULTON	14	97.9	0	-	1	7.0	1	7.0	0	-	0	-
GREENE	3	7.6	0	-	0	-	1	2.5	2	5.1	0	-
HUNTINGDON	6	14.1	1	2.3	1	2.3	3	7.0	2	4.7	1	2.3
INDIANA	30	32.8	0	-	2	2.2	8	8.7	4	4.4	3	3.3
JEFFERSON	5	10.5	0	-	0	-	3	6.3	2	4.2	1	2.1

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

COUNTY	ATHERO-SCLEROSIS		HOMICIDE AND LEGAL INTERV		HIV INFECTION		CONGENITAL ANOMALIES		BENIGN AND UNSPECIFIED NEOPLASMS		PARKINSON'S DISEASE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	4	19.6	1	4.9	1	4.9	0	-	0	-	1	4.9
LACKAWANNA	20	9.0	9	4.0	6	2.7	8	3.6	16	7.2	7	3.1
LANCASTER	39	9.3	14	3.3	17	4.0	31	7.4	14	3.3	12	2.9
LAWRENCE	6	5.9	2	2.0	4	4.0	1	1.0	5	4.9	4	4.0
LEBANON	2	1.7	2	1.7	5	4.4	8	7.0	2	1.7	6	5.2
LEHIGH	17	5.8	8	2.7	14	4.8	15	5.1	17	5.8	9	3.1
LUZERNE	48	14.4	11	3.3	5	1.5	15	4.5	11	3.3	9	2.7
LYCOMING	12	10.1	4	3.4	4	3.4	5	4.2	5	4.2	2	1.7
MCKEAN	3	6.6	1	2.2	1	2.2	2	4.4	4	8.8	0	-
MERCER	9	7.4	5	4.1	4	3.3	6	4.9	2	1.6	6	4.9
MIFFLIN	3	6.4	0	-	0	-	2	4.3	2	4.3	5	10.7
MONROE	1	1.0	2	2.1	7	7.2	4	4.1	2	2.1	4	4.1
MONTGOMERY	40	5.8	22	3.2	14	2.0	24	3.5	29	4.2	34	4.9
MONTOUR	0	-	0	-	0	-	1	6.0	0	-	3	18.1
NORTHAMPTON	10	4.0	9	3.6	9	3.6	8	3.2	7	2.8	10	4.0
NORTHUMBERLAND	9	9.1	1	1.0	2	2.0	3	3.0	1	1.0	3	3.0
PERRY	1	2.4	1	2.4	2	4.9	2	4.9	1	2.4	2	4.9
PHILADELPHIA	78	4.7	470	28.6	282	17.1	94	5.7	72	4.4	68	4.1
PIKE	0	-	0	-	1	3.5	2	7.0	0	-	3	10.5
POTTER	2	11.4	0	-	2	11.4	4	22.7	1	5.7	2	11.4
SCHUYLKILL	5	3.2	3	1.9	4	2.6	5	3.2	4	2.6	7	4.5
SNYDER	0	-	0	-	0	-	1	2.8	0	-	1	2.8
SOMERSET	11	13.7	2	2.5	1	1.2	2	2.5	4	5.0	2	2.5
SULLIVAN	1	15.4	1	15.4	0	-	0	-	0	-	0	-
SUSQUEHANNA	4	9.8	0	-	1	2.5	1	2.5	2	4.9	1	2.5
TIOGA	0	-	0	-	2	4.9	2	4.9	1	2.5	5	12.3
UNION	1	2.8	0	-	2	5.6	2	5.6	2	5.6	1	2.8
VENANGO	3	5.0	2	3.3	0	-	4	6.6	1	1.7	6	9.9
WARREN	1	2.2	0	-	0	-	0	-	3	6.6	3	6.6
WASHINGTON	10	4.8	8	3.8	4	1.9	11	5.3	10	4.8	9	4.3
WAYNE	3	7.3	0	-	1	2.4	3	7.3	3	7.3	2	4.8
WESTMORELAND	25	6.6	9	2.4	11	2.9	9	2.4	21	5.6	14	3.7
WYOMING	7	24.9	0	-	0	-	2	7.1	1	3.6	0	-
YORK	13	3.8	10	3.0	17	5.0	17	5.0	9	2.7	12	3.5

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	PNEUMO-CONIOSIS		HYPERTENSION		HERNIA AND INTESTINAL OBSTRUCTION		ULCERS OF STOMACH AND DUODENUM		ANEMIAS		NUTRITIONAL DEFICIENCIES	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	445	3.7	411	3.4	319	2.6	312	2.6	231	1.9	186	1.5
ADAMS	0	-	3	4.0	2	2.7	1	1.3	2	2.7	0	-
ALLEGHENY	7	0.5	46	3.4	31	2.3	44	3.2	27	2.0	16	1.2
ARMSTRONG	1	1.3	2	2.6	2	2.6	4	5.2	2	2.6	0	-
BEAVER	1	0.5	7	3.7	3	1.6	2	1.1	2	1.1	4	2.1
BEDFORD	1	2.1	0	-	3	6.3	2	4.2	1	2.1	1	2.1
BERKS	6	1.8	12	3.6	12	3.6	10	3.0	9	2.7	3	0.9
BLAIR	1	0.8	0	-	6	4.5	6	4.5	3	2.3	1	0.8
BRADFORD	0	-	1	1.5	0	-	1	1.5	0	-	0	-
BUCKS	4	0.7	9	1.7	17	3.1	8	1.5	13	2.4	7	1.3
BUTLER	2	1.3	3	2.0	4	2.6	8	5.2	3	2.0	0	-
CAMBRIA	18	10.6	10	5.9	7	4.1	2	1.2	1	0.6	5	2.9
CAMERON	0	-	0	-	0	-	1	15.6	0	-	0	-
CARBON	12	21.2	4	7.1	1	1.8	2	3.5	0	-	1	1.8
CENTRE	1	0.9	2	1.7	0	-	2	1.7	0	-	1	0.9
CHESTER	2	0.5	9	2.5	4	1.1	9	2.5	4	1.1	1	0.3
CLARION	0	-	1	2.4	1	2.4	1	2.4	0	-	6	14.4
CLEARFIELD	2	2.5	2	2.5	2	2.5	0	-	3	3.7	1	1.2
CLINTON	0	-	0	-	2	5.2	2	5.2	0	-	1	2.6
COLUMBIA	3	4.9	4	6.5	1	1.6	2	3.3	0	-	0	-
CRAWFORD	0	-	2	2.3	2	2.3	3	3.5	1	1.2	0	-
CUMBERLAND	0	-	3	1.5	6	3.1	2	1.0	2	1.0	0	-
DAUPHIN	4	1.7	17	7.0	3	1.2	5	2.1	5	2.1	5	2.1
DELAWARE	7	1.3	20	3.6	15	2.7	5	0.9	13	2.3	6	1.1
ELK	0	-	2	5.5	0	-	1	2.8	0	-	3	8.3
ERIE	1	0.4	7	2.5	5	1.8	13	4.7	5	1.8	4	1.4
FAYETTE	13	8.7	6	4.0	1	0.7	4	2.7	2	1.3	7	4.7
FOREST	0	-	0	-	1	20.9	0	-	0	-	0	-
FRANKLIN	0	-	1	0.8	4	3.3	1	0.8	5	4.2	2	1.7
FULTON	0	-	0	-	0	-	0	-	1	7.0	0	-
GREENE	1	2.5	1	2.5	3	7.6	1	2.5	1	2.5	0	-
HUNTINGDON	0	-	1	2.3	1	2.3	0	-	0	-	0	-
INDIANA	4	4.4	1	1.1	1	1.1	1	1.1	1	1.1	1	1.1
JEFFERSON	1	2.1	1	2.1	1	2.1	0	-	1	2.1	2	4.2

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	PNEUMO-CONIOSIS		HYPERTENSION		HERNIA AND INTESTINAL OBSTRUCTION		ULCERS OF STOMACH AND DUODENUM		ANEMIAS		NUTRITIONAL DEFICIENCIES	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	0	-	1	4.9	1	4.9
LACKAWANNA	43	19.3	14	6.3	5	2.2	9	4.0	5	2.2	4	1.8
LANCASTER	3	0.7	13	3.1	13	3.1	8	1.9	8	1.9	4	1.0
LAWRENCE	0	-	3	3.0	2	2.0	2	2.0	3	3.0	1	1.0
LEBANON	1	0.9	3	2.6	1	0.9	6	5.2	0	-	0	-
LEHIGH	3	1.0	7	2.4	9	3.1	8	2.7	3	1.0	2	0.7
LUZERNE	167	50.0	17	5.1	15	4.5	8	2.4	12	3.6	2	0.6
LYCOMING	0	-	3	2.5	7	5.9	2	1.7	4	3.4	1	0.8
MCKEAN	0	-	0	-	0	-	1	2.2	1	2.2	1	2.2
MERCER	1	0.8	2	1.6	2	1.6	3	2.5	1	0.8	3	2.5
MIFFLIN	0	-	2	4.3	3	6.4	1	2.1	2	4.3	0	-
MONROE	1	1.0	6	6.2	3	3.1	1	1.0	1	1.0	0	-
MONTGOMERY	2	0.3	25	3.6	14	2.0	23	3.3	4	0.6	11	1.6
MONTOUR	0	-	1	6.0	0	-	1	6.0	1	6.0	0	-
NORTHAMPTON	1	0.4	3	1.2	3	1.2	7	2.8	3	1.2	0	-
NORTHUMBERLAND	16	16.1	5	5.0	1	1.0	7	7.1	1	1.0	2	2.0
PERRY	1	2.4	0	-	0	-	0	-	0	-	0	-
PHILADELPHIA	7	0.4	93	5.6	58	3.5	40	2.4	55	3.3	60	3.6
PIKE	1	3.5	0	-	1	3.5	0	-	0	-	0	-
POTTER	0	-	0	-	1	5.7	0	-	0	-	0	-
SCHUYLKILL	68	43.8	4	2.6	4	2.6	6	3.9	1	0.6	2	1.3
SNYDER	0	-	2	5.5	0	-	0	-	0	-	0	-
SOMERSET	9	11.2	1	1.2	0	-	2	2.5	2	2.5	0	-
SULLIVAN	0	-	2	30.9	0	-	1	15.4	0	-	0	-
SUSQUEHANNA	1	2.5	0	-	1	2.5	2	4.9	0	-	0	-
TIOGA	1	2.5	1	2.5	0	-	0	-	1	2.5	1	2.5
UNION	0	-	0	-	2	5.6	0	-	0	-	1	2.8
VENANGO	0	-	3	5.0	3	5.0	0	-	0	-	0	-
WARREN	1	2.2	0	-	3	6.6	3	6.6	0	-	1	2.2
WASHINGTON	10	4.8	9	4.3	8	3.8	9	4.3	4	1.9	1	0.5
WAYNE	1	2.4	0	-	1	2.4	0	-	0	-	0	-
WESTMORELAND	12	3.2	7	1.9	6	1.6	9	2.4	6	1.6	6	1.6
WYOMING	2	7.1	2	7.1	0	-	1	3.6	1	3.6	0	-
YORK	1	0.3	6	1.8	12	3.5	9	2.7	4	1.2	4	1.2

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	162	1.3	147	1.2	139	1.2	104	0.9	94	0.8
ADAMS	1	1.3	2	2.7	1	1.3	1	1.3	1	1.3
ALLEGHENY	12	0.9	21	1.5	16	1.2	13	1.0	14	1.0
ARMSTRONG	1	1.3	1	1.3	1	1.3	0	-	1	1.3
BEAVER	4	2.1	2	1.1	2	1.1	1	0.5	2	1.1
BEDFORD	2	4.2	0	-	0	-	1	2.1	0	-
BERKS	4	1.2	3	0.9	2	0.6	4	1.2	3	0.9
BLAIR	5	3.8	0	-	2	1.5	2	1.5	0	-
BRADFORD	0	-	0	-	0	-	3	4.6	0	-
BUCKS	8	1.5	4	0.7	6	1.1	5	0.9	1	0.2
BUTLER	1	0.7	1	0.7	1	0.7	1	0.7	3	2.0
CAMBRIA	0	-	1	0.6	0	-	0	-	0	-
CAMERON	0	-	0	-	0	-	0	-	0	-
CARBON	0	-	0	-	0	-	2	3.5	1	1.8
CENTRE	2	1.7	0	-	1	0.9	0	-	0	-
CHESTER	4	1.1	5	1.4	2	0.5	2	0.5	3	0.8
CLARION	2	4.8	1	2.4	0	-	0	-	0	-
CLEARFIELD	0	-	4	4.9	0	-	0	-	1	1.2
CLINTON	2	5.2	1	2.6	0	-	0	-	0	-
COLUMBIA	1	1.6	1	1.6	0	-	0	-	1	1.6
CRAWFORD	2	2.3	0	-	0	-	2	2.3	1	1.2
CUMBERLAND	2	1.0	3	1.5	2	1.0	0	-	1	0.5
DAUPHIN	6	2.5	2	0.8	8	3.3	1	0.4	1	0.4
DELAWARE	12	2.1	8	1.4	12	2.1	2	0.4	3	0.5
ELK	0	-	0	-	0	-	0	-	0	-
ERIE	1	0.4	7	2.5	0	-	0	-	1	0.4
FAYETTE	5	3.3	3	2.0	1	0.7	3	2.0	2	1.3
FOREST	0	-	0	-	0	-	0	-	0	-
FRANKLIN	0	-	2	1.7	2	1.7	1	0.8	0	-
FULTON	0	-	0	-	0	-	0	-	0	-
GREENE	0	-	1	2.5	0	-	0	-	0	-
HUNTINGDON	1	2.3	1	2.3	0	-	0	-	0	-
INDIANA	2	2.2	2	2.2	0	-	0	-	0	-
JEFFERSON	1	2.1	2	4.2	0	-	1	2.1	2	4.2

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* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1989

COUNTY	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	0	-	0	-
LACKAWANNA	2	0.9	5	2.2	0	-	1	0.4	2	0.9
LANCASTER	5	1.2	0	-	1	0.2	4	1.0	5	1.2
LAWRENCE	1	1.0	1	1.0	0	-	0	-	4	4.0
LEBANON	4	3.5	0	-	0	-	2	1.7	1	0.9
LEHIGH	8	2.7	2	0.7	1	0.3	1	0.3	2	0.7
LUZERNE	5	1.5	6	1.8	2	0.6	4	1.2	2	0.6
LYCOMING	1	0.8	0	-	1	0.8	2	1.7	1	0.8
MCKEAN	1	2.2	1	2.2	1	2.2	0	-	0	-
MERCER	1	0.8	1	0.8	0	-	3	2.5	1	0.8
MIFFLIN	1	2.1	0	-	0	-	0	-	0	-
MONROE	1	1.0	0	-	1	1.0	2	2.1	1	1.0
MONTGOMERY	3	0.4	7	1.0	5	0.7	4	0.6	5	0.7
MONTOUR	0	-	1	6.0	0	-	0	-	0	-
NORTHAMPTON	0	-	1	0.4	2	0.8	1	0.4	4	1.6
NORTHUMBERLAND	2	2.0	2	2.0	2	2.0	2	2.0	1	1.0
PERRY	0	-	0	-	0	-	0	-	0	-
PHILADELPHIA	25	1.5	27	1.6	52	3.2	21	1.3	15	0.9
PIKE	0	-	0	-	0	-	1	3.5	0	-
POTTER	0	-	0	-	1	5.7	0	-	0	-
SCHUYLKILL	7	4.5	4	2.6	3	1.9	1	0.6	0	-
SNYDER	2	5.5	0	-	0	-	0	-	0	-
SOMERSET	1	1.2	0	-	1	1.2	0	-	0	-
SULLIVAN	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	1	2.5	0	-	0	-	0	-	0	-
TIOGA	1	2.5	0	-	0	-	1	2.5	0	-
UNION	0	-	0	-	0	-	0	-	1	2.8
VENANGO	2	3.3	2	3.3	0	-	1	1.7	0	-
WARREN	0	-	0	-	1	2.2	0	-	0	-
WASHINGTON	3	1.4	1	0.5	1	0.5	3	1.4	4	1.9
WAYNE	1	2.4	0	-	0	-	0	-	0	-
WESTMORELAND	2	0.5	4	1.1	1	0.3	3	0.8	2	0.5
WYOMING	1	3.6	1	3.6	0	-	0	-	0	-
YORK	0	-	3	0.9	4	1.2	2	0.6	1	0.3

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	EPILEPSY		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	93	0.8	81	0.7	43	0.4	36	0.3	11,062	91.9
ADAMS	0	-	0	-	0	-	1	1.3	59	78.8
ALLEGHENY	16	1.2	8	0.6	4	0.3	9	0.7	1,359	100.1
ARMSTRONG	1	1.3	0	-	0	-	0	-	73	94.3
BEAVER	4	2.1	1	0.5	1	0.5	0	-	146	76.7
BEDFORD	0	-	2	4.2	0	-	0	-	33	68.9
BERKS	2	0.6	2	0.6	2	0.6	1	0.3	275	82.5
BLAIR	4	3.0	1	0.8	0	-	0	-	127	95.6
BRADFORD	1	1.5	0	-	0	-	0	-	77	119.2
BUCKS	1	0.2	1	0.2	1	0.2	1	0.2	450	82.7
BUTLER	1	0.7	0	-	0	-	0	-	97	63.3
CAMBRIA	2	1.2	1	0.6	2	1.2	0	-	145	85.5
CAMERON	0	-	0	-	0	-	0	-	5	77.9
CARBON	0	-	0	-	0	-	0	-	54	95.3
CENTRE	0	-	0	-	0	-	0	-	58	50.3
CHESTER	1	0.3	1	0.3	2	0.5	0	-	247	67.3
CLARION	0	-	0	-	0	-	0	-	41	98.6
CLEARFIELD	1	1.2	0	-	1	1.2	0	-	64	79.1
CLINTON	1	2.6	0	-	0	-	0	-	32	83.4
COLUMBIA	0	-	1	1.6	0	-	0	-	47	76.7
CRAWFORD	1	1.2	0	-	0	-	2	2.3	66	77.3
CUMBERLAND	1	0.5	0	-	0	-	0	-	142	72.2
DAUPHIN	0	-	2	0.8	2	0.8	1	0.4	220	90.9
DELAWARE	5	0.9	4	0.7	1	0.2	1	0.2	564	101.0
ELK	0	-	0	-	0	-	0	-	40	110.3
ERIE	0	-	2	0.7	3	1.1	2	0.7	253	91.5
FAYETTE	1	0.7	3	2.0	2	1.3	0	-	166	110.5
FOREST	0	-	0	-	0	-	0	-	10	208.8
FRANKLIN	1	0.8	2	1.7	1	0.8	0	-	99	82.5
FULTON	1	7.0	0	-	0	-	0	-	11	76.9
GREENE	0	-	0	-	1	2.5	0	-	32	81.4
HUNTINGDON	1	2.3	0	-	0	-	0	-	25	58.6
INDIANA	2	2.2	0	-	0	-	1	1.1	68	74.3
JEFFERSON	0	-	0	-	0	-	0	-	44	92.7

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-30 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	EPILEPSY		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	0	-	30	147.0
LACKAWANNA	1	0.4	2	0.9	0	-	0	-	192	86.2
LANCASTER	3	0.7	0	-	1	0.2	2	0.5	287	68.2
LAWRENCE	0	-	0	-	0	-	0	-	74	73.2
LEBANON	1	0.9	1	0.9	1	0.9	0	-	78	67.9
LEHIGH	1	0.3	1	0.3	2	0.7	0	-	223	76.3
LUZERNE	2	0.6	2	0.6	1	0.3	0	-	321	96.0
LYCOMING	0	-	0	-	0	-	0	-	98	82.1
MCKEAN	2	4.4	0	-	0	-	0	-	71	156.8
MERCER	0	-	1	0.8	0	-	0	-	110	90.0
MIFFLIN	0	-	0	-	1	2.1	0	-	43	91.9
MONROE	1	1.0	0	-	0	-	0	-	70	72.0
MONTGOMERY	2	0.3	4	0.6	2	0.3	1	0.1	670	96.9
MONTOUR	1	6.0	0	-	0	-	0	-	23	139.1
NORTHAMPTON	0	-	0	-	1	0.4	1	0.4	147	59.4
NORTHUMBERLAND	2	2.0	0	-	1	1.0	0	-	77	77.7
PERRY	0	-	0	-	1	2.4	0	-	21	51.4
PHILADELPHIA	11	0.7	30	1.8	5	0.3	11	0.7	2,180	132.4
PIKE	0	-	0	-	0	-	1	3.5	23	80.2
POTTER	0	-	0	-	0	-	0	-	18	102.3
SCHUYLKILL	2	1.3	2	1.3	0	-	0	-	149	96.0
SNYDER	0	-	0	-	1	2.8	0	-	26	71.8
SOMERSET	1	1.2	0	-	1	1.2	0	-	62	77.0
SULLIVAN	0	-	0	-	0	-	0	-	9	139.0
SUSQUEHANNA	0	-	1	2.5	0	-	0	-	23	56.4
TIOGA	1	2.5	1	2.5	0	-	0	-	26	63.8
UNION	0	-	0	-	0	-	0	-	25	70.5
VENANGO	2	3.3	1	1.7	0	-	0	-	49	80.9
WARREN	1	2.2	1	2.2	1	2.2	0	-	36	79.3
WASHINGTON	1	0.5	3	1.4	0	-	0	-	172	82.5
WAYNE	0	-	0	-	0	-	0	-	42	101.7
WESTMORELAND	3	0.8	0	-	1	0.3	1	0.3	312	82.5
WYOMING	0	-	0	-	0	-	0	-	20	71.2
YORK	7	2.1	0	-	0	-	0	-	226	66.8

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH COUNTY.

TABLE C-31
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS FOR SELECTED MUNICIPALITIES, NUMBER AND RATE*: PENNSYLVANIA, 1989

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
STATE TOTAL	168,108	14.0	122,956	10.2	1,696	10.1	1,171	7.0	1,918	11.3
ALLENTOWN	1,827	17.4	1,186	11.3	15	8.2	11	6.0	21	11.4
ALTOONA	662	12.6	697	13.3	7	10.6	5	7.6	11	16.3
BETHEL PARK	455	12.9	264	7.5	3	6.6	2	4.4	6	13.0
BETHLEHEM	978	13.4	746	10.2	5	5.1	4	4.1	8	8.1
CHESTER	1,134	27.0	546	13.0	19	16.8	14	12.3	15	13.1
EASTON	496	18.0	311	11.3	7	14.1	5	10.1	5	10.0
ERIE	2,189	19.6	1,345	12.1	34	15.5	26	11.9	30	13.5
HARRISBURG	1,265	24.6	660	12.8	19	15.0	13	10.3	20	15.6
HAZLETON	300	11.8	446	17.6	3	10.0	2	6.7	2	6.6
JOHNSTOWN	358	12.0	475	16.0	5	14.0	3	8.4	8	21.9
LANCASTER	1,240	21.0	624	10.6	14	11.3	8	6.5	12	9.6
LEBANON	453	16.8	336	12.5	3	6.6	2	4.4	6	13.1
MCKEESPORT	370	14.3	518	20.0	8	21.6	6	16.2	6	16.0
MONROEVILLE	355	11.9	241	8.1	1	2.8	1	2.8	4	11.1
NEW CASTLE	401	13.5	426	14.4	7	17.5	5	12.5	4	9.9
NORRISTOWN	682	20.9	377	11.6	9	13.2	4	5.9	14	20.1
PHILADELPHIA	29,242	17.8	20,495	12.5	512	17.5	327	11.2	455	15.3
PITTSBURGH	5,316	14.3	5,093	13.7	108	20.3	80	15.0	90	16.6
PLUM	370	14.9	148	5.9	3	8.1	2	5.4	5	13.3
READING	1,662	22.0	925	12.2	23	13.8	17	10.2	18	10.7
SCRANTON	1,080	13.4	1,231	15.2	7	6.5	4	3.7	9	8.3
SHARON	247	16.2	217	14.3	1	4.0	1	4.0	3	12.0
STATE COLLEGE	197	6.2	126	4.0	1	5.1	1	5.1	3	15.0
WEST MIFFLIN	246	10.1	266	10.9	2	8.1	1	4.1	3	12.0
WILKES BARRE	577	12.3	767	16.4	2	3.5	1	1.7	11	18.7
WILLIAMSPORT	586	18.4	307	9.7	6	10.2	4	6.8	7	11.8
YORK	930	20.5	482	10.6	12	12.9	7	7.5	14	14.8
ALL OTHER AREAS	114,490	12.9	83,701	9.4	860	7.5	615	5.4	1,128	9.8

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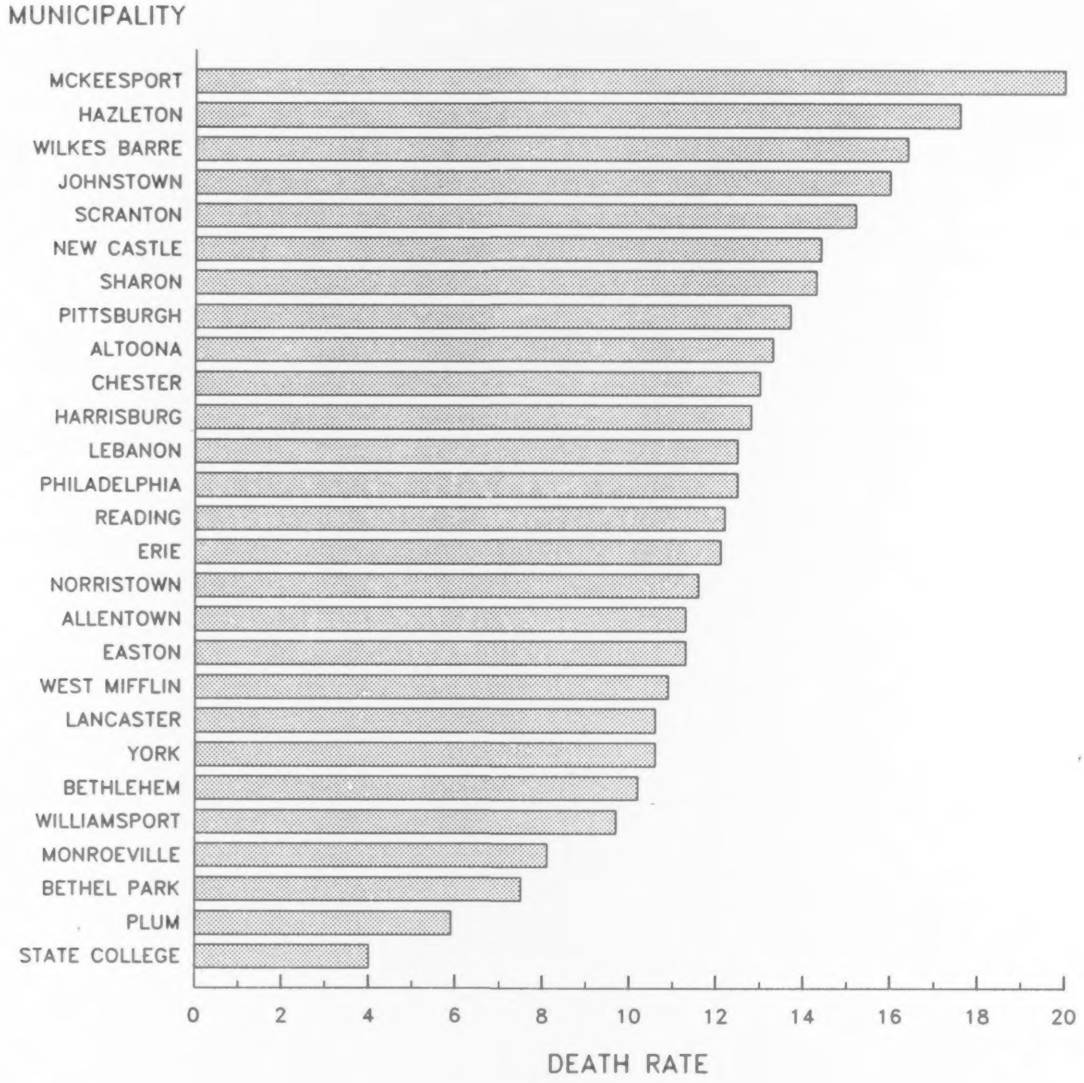
* BIRTH AND DEATH CRUDE RATES PER 1,000 ESTIMATED 1989 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).

**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C-29
RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1989



NOTE: RATE PER 1,000 POPULATION, 1989. SEE TABLE C-31 FOR CORRESPONDING DATA.

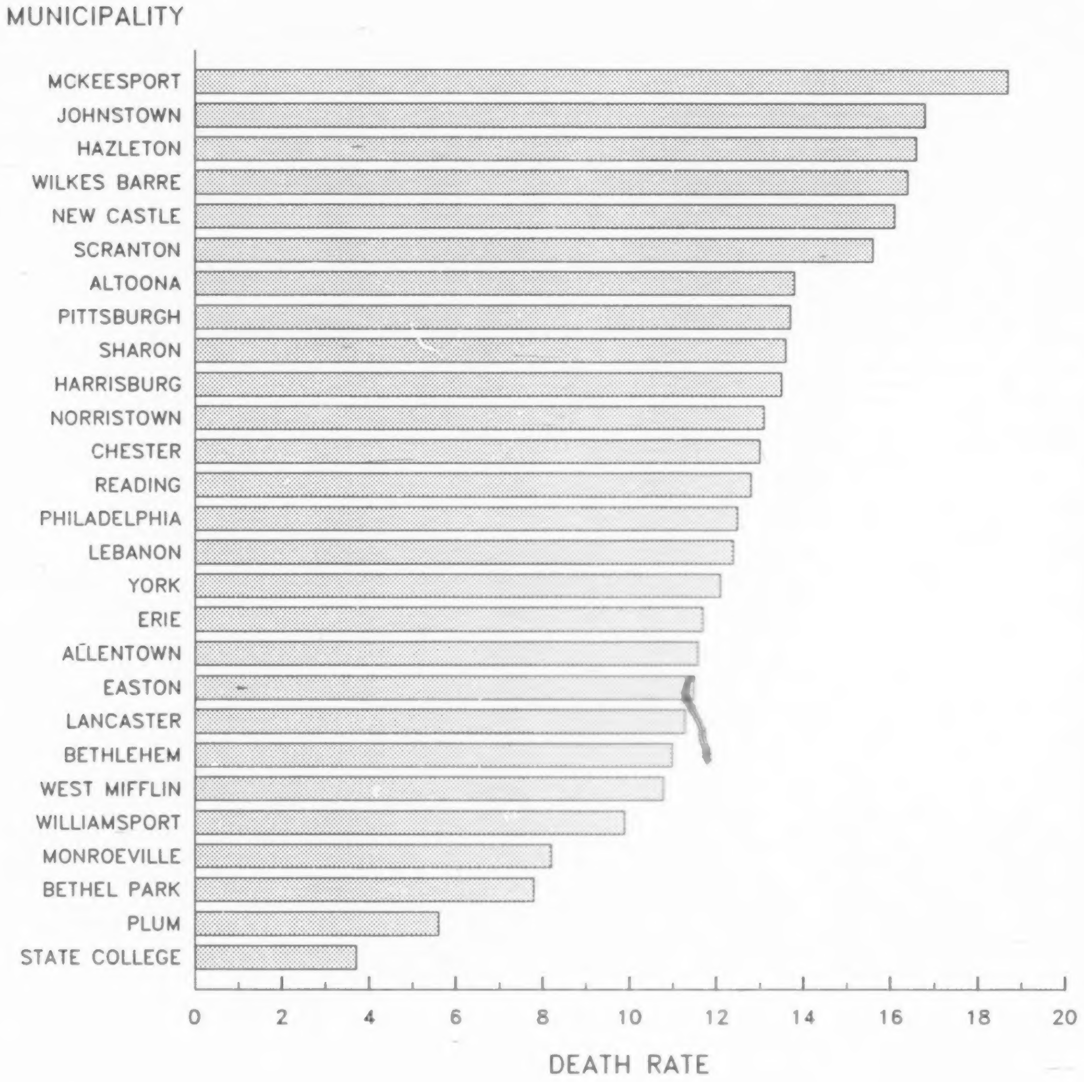
TABLE C-32
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS FOR SELECTED MUNICIPALITIES
NUMBER AND AVERAGE ANNUAL RATE*: PENNSYLVANIA, 1985-1989

	ALL DEATHS 1985-1989		INFANT DEATHS 1985-1989		NEONATAL DEATHS 1985-1989	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	620,364	10.4	8,327	10.2	5,712	7.0
ALLENTOWN	6,080	11.6	85	9.9	61	7.1
ALTOONA	3,655	13.8	38	11.8	26	8.1
BETHEL PARK	1,338	7.8	11	5.1	7	3.2
BETHLEHEM	3,921	11.0	42	9.3	29	6.4
CHESTER	2,796	13.0	83	16.0	63	12.1
EASTON	1,541	11.5	28	11.8	22	9.3
ERIE	6,632	11.7	136	12.5	99	9.1
HARRISBURG	3,488	13.5	92	15.4	64	10.7
HAZLETON	2,107	16.6	17	11.7	12	8.3
JOHNSTOWN	2,613	16.8	29	14.9	16	8.2
LANCASTER	3,275	11.3	71	12.3	47	8.1
LEBANON	1,650	12.4	16	7.8	10	4.9
MCKEESPORT	2,502	18.7	31	16.2	21	10.9
MONROEVILLE	1,213	8.2	18	10.8	14	8.4
NEW CASTLE	2,441	16.1	28	13.0	18	8.4
NORRISTOWN	2,186	13.1	57	15.4	42	11.4
PHILADELPHIA	102,633	12.5	2,353	16.6	1,550	11.0
PITTSBURGH	26,218	13.7	449	16.7	327	12.2
PLUM	700	5.6	17	9.1	13	6.9
READING	4,910	12.8	99	13.3	68	9.2
SCRANTON	6,366	15.6	55	10.3	33	6.2
SHARON	1,078	13.6	5	4.1	4	3.3
STATE COLLEGE	624	3.7	9	9.4	7	7.3
WEST MIFFLIN	1,326	10.8	18	13.5	16	12.0
WILKES BARRE	3,905	16.4	27	8.4	17	5.3
WILLIAMSPORT	1,581	9.9	30	11.1	20	7.4
YORK	2,708	12.1	58	13.4	41	9.5
ALL OTHER AREAS	420,877	9.6	4,425	8.0	3,065	5.5

* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA, 1985-1989.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH SPECIFIED AREA, 1985-1989.

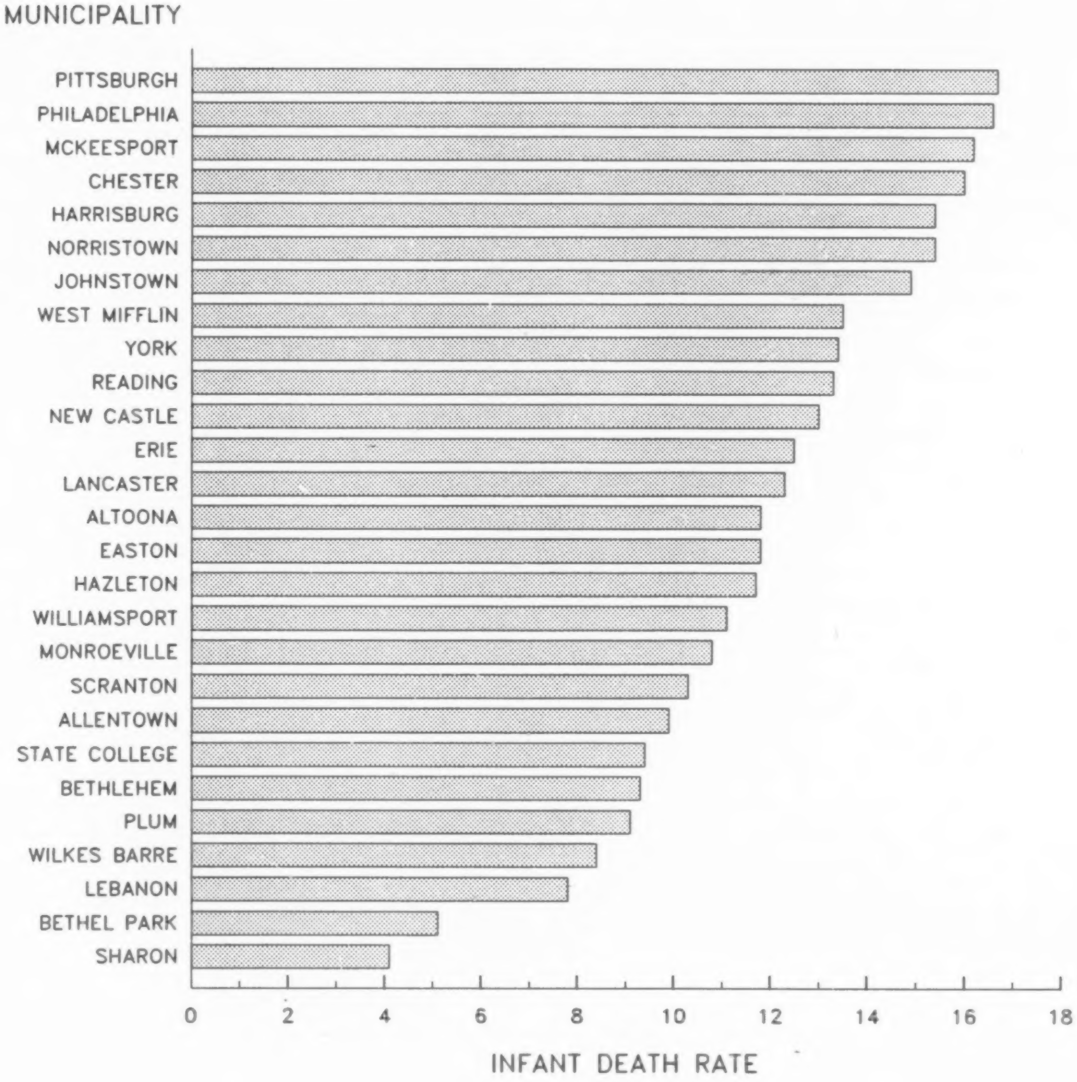
NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE C-30
RESIDENT AVERAGE ANNUAL CRUDE DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1985-1989



NOTE: RATE PER 1,000 POPULATION, 1985-1989. SEE TABLE C-32 FOR CORRESPONDING DATA.

FIGURE C-31
RESIDENT AVERAGE ANNUAL INFANT DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1985-1989



NOTE: RATE PER 1,000 LIVE BIRTHS, 1985-1989. SEE TABLE C-32 FOR CORRESPONDING DATA.

TABLE C-33
RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1989

		AGE AT DEATH (IN YEARS)											
MUNICIPALITY	TOTAL DEATHS	UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
STATE TOTAL	122,956	1,948	172	184	616	859	2,360	3,338	5,624	14,679	29,890	36,804	26,482
ALLENTOWN	1,186	16	0	1	4	8	23	39	43	114	296	368	274
ALTOONA	697	10	0	1	1	5	8	15	33	87	177	210	150
BETHEL PARK	264	5	0	1	0	1	6	3	18	39	61	80	50
BETHLEHEM	746	7	0	2	0	5	17	16	21	85	193	227	173
CHESTER	546	24	2	1	1	7	20	21	31	72	142	150	75
EASTON	311	8	1	2	4	3	3	8	13	32	78	87	72
ERIE	1,345	38	0	2	7	10	23	35	51	166	350	380	283
HARRISBURG	660	22	1	0	4	5	22	32	52	87	149	172	114
HAZLETON	446	3	0	0	0	3	2	7	13	45	107	168	98
JOHNSTOWN	475	5	0	1	4	2	5	10	23	61	136	144	84
LANCASTER	624	15	0	4	3	7	20	18	26	64	126	196	145
LEBANON	336	3	1	0	1	2	7	10	14	43	97	86	72
MCKEESPORT	518	9	0	1	2	1	4	7	18	61	137	179	99
MONROEVILLE	241	1	0	1	2	1	8	8	13	26	75	59	47
NEW CASTLE	426	9	0	0	0	3	5	6	14	45	97	131	116
NORRISTOWN	377	10	1	1	2	2	11	14	21	49	77	106	83
PHILADELPHIA	20,495	583	31	39	134	199	670	942	1,298	2,685	4,908	5,427	3,579
PITTSBURGH	5,093	119	6	4	10	27	94	154	224	618	1,235	1,544	1,058
PLUM	148	3	0	1	1	1	5	3	15	30	30	32	27
READING	925	28	1	1	3	6	17	26	56	94	212	275	206
SCRANTON	1,231	7	2	1	2	2	15	17	49	120	306	459	251
SHARON	217	1	0	0	2	4	4	5	7	27	59	67	41
STATE COLLEGE	126	1	0	0	2	1	1	0	2	7	25	42	45
WEST MIFFLIN	266	3	0	1	2	1	0	6	16	36	87	70	44
WILKES BARRE	767	2	1	1	2	3	7	16	21	91	188	261	174
WILLIAMSPORT	307	6	0	1	2	0	5	8	13	35	80	99	58
YORK	482	13	2	1	3	5	15	17	26	58	109	141	92
ALL OTHER AREAS	83,701	997	123	116	418	545	1,343	1,895	3,493	9,802	20,353	25,644	18,972

* UNKNOWN AGE INCLUDED IN THE 85 & OVER AGE GROUP.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-34
RESIDENT DEATHS BY SEX AND RACE FOR SELECTED MUNICIPALITIES
PENNSYLVANIA, 1989

COUNTY	TOTAL DEATHS	W H I T E *			A L L O T H E R		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
STATE TOTAL	122,956	110,599	55,229	55,370	12,357	6,638	5,719
ALLENTOWN	1,186	1,159	569	590	27	18	9
ALTOONA	697	689	355	334	8	6	2
BETHEL PARK	264	261	136	125	3	2	1
BETHLEHEM	746	736	354	382	10	5	5
CHESTER	546	267	131	136	279	152	127
EASTON	311	302	144	158	9	2	7
ERIE	1,345	1,232	582	650	113	65	48
HARRISBURG	660	414	197	217	246	142	104
HAZLETON	446	446	215	231	0	0	0
JOHNSTOWN	475	453	237	216	22	16	6
LANCASTER	624	587	286	301	37	20	17
LEBANON	336	331	179	152	5	3	2
MCKEESPORT	518	475	229	246	43	26	17
MONROEVILLE	241	229	109	120	12	7	5
NEW CASTLE	426	399	189	210	27	16	11
NORRISTOWN	377	302	137	165	75	42	33
PHILADELPHIA	20,495	12,435	6,160	6,275	8,060	4,313	3,747
PITTSBURGH	5,093	3,862	1,866	1,996	1,231	638	593
PLUM	148	145	76	69	3	1	2
READING	925	858	430	428	67	39	28
SCRANTON	1,231	1,224	572	652	7	2	5
SHARON	217	201	103	98	16	9	7
STATE COLLEGE	126	125	70	55	1	1	0
WEST MIFFLIN	266	255	152	103	11	6	5
WILKES BARRE	767	756	361	395	11	6	5
WILLIAMSPORT	307	292	136	156	15	11	4
YORK	482	418	210	208	64	38	26
ALL OTHER AREAS	83,701	81,746	41,044	40,702	1,955	1,052	903

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-35
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE-TOTAL	122,956	1021.2	44,784	372.0	433	3.6	1,090	9.1	13,270	110.2
ALLENTOWN	1,186	1126.7	473	449.4	4	3.8	13	12.4	133	126.4
ALTOONA	697	1326.6	262	498.7	1	1.9	5	9.5	69	131.3
BETHEL PARK	264	750.9	81	230.4	1	2.8	3	8.5	36	102.4
BETHLEHEM	746	1020.1	287	392.5	4	5.5	7	9.6	73	99.8
CHESTER	546	1300.6	179	426.4	2	4.8	9	21.4	41	97.7
EASTON	311	1129.3	123	446.6	1	3.6	0	-	31	112.6
ERIE	1,345	1205.6	449	402.5	6	5.4	12	10.8	163	146.1
HARRISBURG	660	1282.3	191	371.1	0	-	6	11.7	59	114.6
HAZLETON	446	1757.3	183	721.0	1	3.9	0	-	60	236.4
JOHNSTOWN	475	1598.3	192	646.0	1	3.4	5	16.8	59	198.5
LANCASTER	624	1057.1	206	349.0	3	5.1	4	6.8	84	142.3
LEBANON	336	1248.6	132	490.5	2	7.4	4	14.9	50	185.8
MCKEESPORT	518	2000.8	205	791.8	2	7.7	4	15.4	58	224.0
MONROEVILLE	241	810.9	81	272.5	0	-	1	3.4	33	111.0
NEW CASTLE	426	1437.7	180	607.5	0	-	5	16.9	63	212.6
NORRISTOWN	377	1156.1	109	334.3	1	3.1	9	27.6	31	95.1
PHILADELPHIA	20,495	1245.0	6,558	398.4	60	3.6	243	14.8	1,401	85.1
PITTSBURGH	5,093	1370.6	1,828	491.9	15	4.0	55	14.8	529	142.4
PLUM	148	594.1	63	252.9	1	4.0	2	8.0	18	72.3
READING	925	1224.2	317	419.5	2	2.6	11	14.6	66	87.3
SCRANTON	1,231	1524.5	556	688.5	9	11.1	9	11.1	169	209.3
SHARON	217	1425.8	73	479.6	2	13.1	2	13.1	20	131.4
STATE COLLEGE	126	395.9	42	132.0	0	-	0	-	12	37.7
WEST MIFFLIN	266	1094.7	105	432.1	0	-	2	8.2	26	107.0
WILKES BARRE	767	1640.3	314	671.5	2	4.3	16	34.2	92	196.7
WILLIAMSPORT	307	966.0	109	343.0	1	3.1	0	-	22	69.2
YORK	482	1064.3	185	408.5	3	6.6	1	2.2	48	106.0
ALL OTHER AREAS	83,701	941.7	31,301	352.2	309	3.5	662	7.4	9,824	110.5

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	16,538	137.4	13,453	111.7	29,064	241.4	423	3.5	7,368	61.2	7,811	64.9
ALLENTOWN	154	146.3	169	160.6	280	266.0	3	2.9	71	67.5	62	58.9
ALTOONA	123	234.1	64	121.8	165	314.0	5	9.5	45	85.6	40	76.1
BETHEL PARK	28	79.6	13	37.0	84	238.9	2	5.7	25	71.1	18	51.2
BETHLEHEM	117	160.0	86	117.6	176	240.7	0	-	38	52.0	44	60.2
CHESTER	61	145.3	66	157.2	125	297.8	2	4.8	27	64.3	40	95.3
EASTON	43	156.1	48	174.3	69	250.5	1	3.6	21	76.3	16	58.1
ERIE	167	149.7	101	90.5	322	288.6	11	9.9	76	68.1	85	76.2
HARRISBURG	61	118.5	65	126.3	162	314.7	2	3.9	31	60.2	60	116.6
HAZLETON	66	260.0	56	220.6	91	358.6	0	-	34	134.0	21	82.7
JOHNSTOWN	76	255.7	51	171.6	113	380.2	2	6.7	28	94.2	25	84.1
LANCASTER	56	94.9	59	99.9	154	260.9	3	5.1	41	69.5	47	79.6
LEBANON	38	141.2	38	141.2	71	263.8	1	3.7	19	70.6	21	78.0
MCKEESPORT	77	297.4	64	247.2	109	421.0	1	3.9	30	115.9	32	123.6
MONROEVILLE	25	84.1	22	74.0	70	235.5	0	-	14	47.1	20	67.3
NEW CASTLE	89	300.4	23	77.6	93	313.9	1	3.4	21	70.9	26	87.7
NORRISTOWN	41	125.7	27	82.8	89	272.9	3	9.2	22	67.5	22	67.5
PHILADELPHIA	2,249	136.6	2,605	158.2	4,687	284.7	85	5.2	1,184	71.9	1,361	82.7
PITTSBURGH	587	158.0	642	172.8	1,244	334.8	24	6.5	313	84.2	371	99.8
PLUM	28	112.4	14	56.2	31	124.4	1	4.0	9	36.1	10	40.1
READING	143	189.3	95	125.7	199	263.4	4	5.3	57	75.4	50	66.2
SCRANTON	182	225.4	187	231.6	260	322.0	9	11.1	74	91.6	61	75.5
SHARON	37	243.1	12	78.8	59	387.6	0	-	13	85.4	23	151.1
STATE COLLEGE	21	66.0	9	28.3	35	110.0	0	-	9	28.3	6	18.9
WEST MIFFLIN	44	181.1	33	135.8	69	284.0	2	8.2	21	86.4	17	70.0
WILKES BARRE	86	183.9	118	252.4	155	331.5	3	6.4	38	81.3	56	119.8
WILLIAMSPORT	44	138.5	42	132.2	73	229.7	1	3.1	19	59.8	18	56.6
YORK	96	212.0	37	81.7	104	229.6	1	2.2	27	59.6	29	64.0
ALL OTHER AREAS	11,799	132.7	8,707	98.0	19,975	224.7	256	2.9	5,061	56.9	5,230	58.8

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	3,295	27.4	4,382	36.4	3,109	25.8	996	8.3	1,680	14.0
ALLENTOWN	39	37.1	45	42.8	32	30.4	14	13.3	14	13.3
ALTOONA	16	30.5	24	45.7	16	30.5	6	11.4	13	24.7
BETHEL PARK	10	28.4	11	31.3	7	19.9	6	17.1	5	14.2
BETHLEHEM	19	26.0	30	41.0	25	34.2	10	13.7	10	13.7
CHESTER	12	28.6	25	59.6	13	31.0	4	9.5	2	4.8
EASTON	10	36.3	7	25.4	6	21.8	5	18.2	3	10.9
ERIE	30	26.9	56	50.2	36	32.3	6	5.4	22	19.7
HARRISBURG	20	38.9	23	44.7	16	31.1	6	11.7	4	7.8
HAZLETON	9	35.5	8	31.5	13	51.2	4	15.8	2	7.9
JOHNSTOWN	14	47.1	15	50.5	17	57.2	4	13.5	8	26.9
LANCASTER	17	28.8	19	32.2	19	32.2	4	6.8	4	6.8
LEBANON	5	18.6	11	40.9	10	37.2	2	7.4	2	7.4
MCKEESPORT	8	30.9	18	69.5	10	38.6	3	11.6	7	27.0
MONROEVILLE	11	37.0	13	43.7	6	20.2	1	3.4	5	16.8
NEW CASTLE	14	47.2	12	40.5	6	20.2	3	10.1	10	33.7
NORRISTOWN	10	30.7	17	52.1	7	21.5	5	15.3	3	9.2
PHILADELPHIA	484	29.4	675	41.0	502	30.5	135	8.2	261	15.9
PITTSBURGH	113	30.4	189	50.9	130	35.0	43	11.6	61	16.4
PLUM	2	8.0	5	20.1	2	8.0	0	-	2	8.0
READING	17	22.5	32	42.4	19	25.1	6	7.9	14	18.5
SCRANTON	25	31.0	43	53.3	26	32.2	10	12.4	12	14.9
SHARON	4	26.3	7	46.0	5	32.9	2	13.1	5	32.9
STATE COLLEGE	3	9.4	7	22.0	5	15.7	2	6.3	3	9.4
WEST MIFFLIN	8	32.9	7	28.8	8	32.9	2	8.2	4	16.5
WILKES BARRE	20	42.8	16	34.2	14	29.9	4	8.6	4	8.6
WILLIAMSPORT	8	25.2	6	18.9	13	40.9	1	3.1	7	22.0
YORK	12	26.5	17	37.5	9	19.9	2	4.4	7	15.5
ALL OTHER AREAS	2,355	26.5	3,044	34.2	2,137	24.0	706	7.9	1,186	13.3

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS		UNINTENTIONAL INJURIES				PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
					OTHER		MOTOR VEHICLE					
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	7,683	63.8	4,496	37.3	2,425	20.1	1,940	16.1	3,949	32.8	3,311	27.5
ALLENTOWN	66	62.7	42	39.9	25	23.8	18	17.1	33	31.4	31	29.5
ALTOONA	45	85.6	33	62.8	13	24.7	7	13.3	27	51.4	13	24.7
BETHEL PARK	14	39.8	11	31.3	4	11.4	2	5.7	7	19.9	5	14.2
BETHLEHEM	47	64.3	24	32.8	17	23.2	12	16.4	19	26.0	24	32.8
CHESTER	37	88.1	17	40.5	14	33.3	4	9.5	15	35.7	17	40.5
EASTON	17	61.7	14	50.8	7	25.4	8	29.0	4	14.5	9	32.7
ERIE	113	101.3	35	31.4	19	17.0	15	13.4	51	45.7	40	35.9
HARRISBURG	27	52.5	24	46.6	18	35.0	13	25.3	19	36.9	20	38.9
HAZLETON	31	122.1	12	47.3	7	27.6	3	11.8	20	78.8	16	63.0
JOHNSTOWN	37	124.5	21	70.7	14	47.1	5	16.8	9	30.3	15	50.5
LANCASTER	31	52.5	29	49.1	12	20.3	8	13.6	24	40.7	16	27.1
LEBANON	21	78.0	16	59.5	7	26.0	5	18.6	9	33.4	12	44.6
MCKEESPORT	33	127.5	20	77.2	7	27.0	5	19.3	15	57.9	15	57.9
MONROEVILLE	13	43.7	8	26.9	3	10.1	4	13.5	7	23.6	4	13.5
NEW CASTLE	31	104.6	6	20.2	5	16.9	5	16.9	18	60.7	11	37.1
NORRISTOWN	18	55.2	16	49.1	14	42.9	5	15.3	14	42.9	7	21.5
PHILADELPHIA	1,194	72.5	638	38.8	594	36.1	198	12.0	629	38.2	487	29.6
PITTSBURGH	319	85.8	181	48.7	102	27.4	27	7.3	170	45.7	148	39.8
PLUM	11	44.2	5	20.1	2	8.0	5	20.1	3	12.0	0	-
READING	67	88.7	52	68.8	22	29.1	21	27.8	28	37.1	20	26.5
SCRANTON	64	79.3	49	60.7	10	12.4	6	7.4	44	54.5	30	37.2
SHARON	12	78.8	13	85.4	4	26.3	4	26.3	3	19.7	11	72.3
STATE COLLEGE	14	44.0	3	9.4	4	12.6	0	-	0	-	4	12.6
WEST MIFFLIN	15	61.7	7	28.8	1	4.1	2	8.2	5	20.6	5	20.6
WILKES-BARRE	45	96.2	26	55.6	12	25.7	3	6.4	24	51.3	25	53.5
WILLIAMSPORT	20	62.9	17	53.5	5	15.7	3	9.4	9	28.3	11	34.6
YORK	32	70.7	16	35.3	10	22.1	10	22.1	17	37.5	4	8.8
ALL OTHER AREAS	5,309	59.7	3,161	35.6	1,473	16.6	1,542	17.3	2,726	30.7	2,311	26.0

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	SEPTICEMIA		SUICIDE		NEPHRITIS AND NEPHROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,664	13.8	1,439	12.0	1,357	11.3	1,348	11.2	996	8.3	896	7.4
ALLENTOWN	12	11.4	17	16.2	13	12.4	13	12.4	3	2.9	4	3.8
ALTOONA	10	19.0	10	19.0	5	9.5	12	22.8	7	13.3	3	5.7
BETHEL PARK	2	5.7	4	11.4	1	2.8	1	2.8	2	5.7	2	5.7
BETHLEHEM	5	6.8	10	13.7	6	8.2	9	12.3	12	16.4	4	5.5
CHESTER	13	31.0	3	7.1	4	9.5	5	11.9	5	11.9	8	19.1
EASTON	3	10.9	6	21.8	5	18.2	2	7.3	5	18.2	5	18.2
ERIE	17	15.2	14	12.5	10	9.0	13	11.7	14	12.5	21	18.8
HARRISBURG	12	23.3	10	19.4	13	25.3	8	15.5	4	7.8	12	23.3
HAZLETON	4	15.8	5	19.7	8	31.5	10	39.4	4	15.8	2	7.9
JOHNSTOWN	3	10.1	6	20.2	5	16.8	5	16.8	5	16.8	2	6.7
LANCASTER	9	15.2	11	18.6	6	10.2	8	13.6	6	10.2	6	10.2
LEBANON	6	22.3	4	14.9	2	7.4	4	14.9	3	11.1	1	3.7
MCKEESPORT	7	27.0	5	19.3	7	27.0	5	19.3	3	11.6	5	19.3
MONROEVILLE	4	13.5	3	10.1	7	23.6	6	20.2	1	3.4	0	-
NEW CASTLE	5	16.9	1	3.4	11	37.1	4	13.5	6	20.2	4	13.5
NORRISTOWN	3	9.2	3	9.2	6	18.4	7	21.5	0	-	3	9.2
PHILADELPHIA	508	30.9	234	14.2	249	15.1	354	21.5	132	8.0	279	16.9
PITTSBURGH	88	23.7	52	14.0	66	17.8	66	17.8	35	9.4	60	16.1
PLUM	2	8.0	3	12.0	3	12.0	2	8.0	0	-	2	8.0
READING	6	7.9	11	14.6	7	9.3	18	23.8	8	10.6	14	18.5
SCRANTON	15	18.6	10	12.4	13	16.1	13	16.1	5	6.2	4	5.0
SHARON	3	19.7	5	32.9	1	6.6	2	13.1	1	6.6	1	6.6
STATE COLLEGE	3	9.4	0	-	0	-	3	9.4	1	3.1	1	3.1
WEST MIFFLIN	1	4.1	6	24.7	3	12.3	4	16.5	3	12.3	0	-
WILKES BARRE	12	25.7	6	12.8	11	23.5	11	23.5	5	10.7	1	2.1
WILLIAMSPORT	2	6.3	2	6.3	1	3.1	7	22.0	2	6.3	3	9.4
YORK	2	4.4	8	17.7	2	4.4	5	11.0	4	8.8	5	11.0
ALL OTHER AREAS	907	10.2	990	11.1	892	10.0	751	8.4	720	8.1	444	5.0

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	ATHERO-SCLEROSIS		HOMICIDE AND LEGAL INTERV		HIV INFECTION		CONGENITAL ANOMALIES		BENIGN AND UNSPECIFIED NEOPLASMS		PARKINSON'S DISEASE	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	827	6.9	782	6.5	651	5.4	557	4.6	465	3.9	457	3.8
ALLENTOWN	1	1.0	4	3.8	11	10.5	6	5.7	8	7.6	3	2.9
ALTOONA	6	11.4	0	-	0	-	3	5.7	1	1.9	1	1.9
BETHEL PARK	1	2.8	0	-	1	2.8	1	2.8	1	2.8	6	17.1
BETHLEHEM	9	12.3	3	4.1	5	6.8	2	2.7	2	2.7	3	4.1
CHESTER	1	2.4	14	33.3	5	11.9	3	7.1	2	4.8	2	4.8
EASTON	0	-	3	10.9	3	10.9	1	3.6	2	7.3	1	3.6
ERIE	9	8.1	2	1.8	3	2.7	5	4.5	8	7.2	3	2.7
HARRISBURG	10	19.4	17	33.0	9	17.5	3	5.8	2	3.9	3	5.8
HAZLETON	3	11.8	1	3.9	0	-	0	-	0	-	0	-
JOHNSTOWN	4	13.5	0	-	2	6.7	1	3.4	1	3.4	0	-
LANCASTER	8	13.6	4	6.8	10	16.9	4	6.8	0	-	0	-
LEBANON	1	3.7	1	3.7	3	11.1	2	7.4	1	3.7	3	11.1
MCKEESPORT	0	-	0	-	1	3.9	1	3.9	1	3.9	2	7.7
MONROEVILLE	0	-	1	3.4	0	-	2	6.7	0	-	3	10.1
NEW CASTLE	2	6.7	2	6.7	2	6.7	1	3.4	2	6.7	2	6.7
NORRISTOWN	2	6.1	6	18.4	3	9.2	2	6.1	1	3.1	0	-
PHILADELPHIA	78	4.7	470	28.6	282	17.1	94	5.7	72	4.4	68	4.1
PITTSBURGH	15	4.0	31	8.3	45	12.1	24	6.5	14	3.8	12	3.2
PLUM	1	4.0	0	-	1	4.0	0	-	0	-	1	4.0
READING	4	5.3	9	11.9	5	6.6	6	7.9	5	6.6	5	6.6
SCRANTON	5	6.2	4	5.0	3	3.7	1	1.2	9	11.1	4	5.0
SHARON	0	-	1	6.6	1	6.6	0	-	1	6.6	0	-
STATE COLLEGE	1	3.1	0	-	0	-	1	3.1	0	-	1	3.1
WEST MIFFLIN	0	-	1	4.1	0	-	2	8.2	0	-	2	8.2
WILKES BARRE	14	29.9	2	4.3	2	4.3	4	8.6	1	2.1	0	-
WILLIAMSPORT	0	-	1	3.1	1	3.1	1	3.1	2	6.3	1	3.1
YORK	2	4.4	3	6.6	9	19.9	4	8.8	1	2.2	3	6.6
ALL OTHER AREAS	650	7.3	202	2.3	244	2.7	383	4.3	328	3.7	328	3.7

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	PNEUMO-CONIOSIS		HYPERTENSION		HERNIA AND INTESTINAL OBSTRUCTION		ULCERS OF STOMACH AND DUODENUM		ANEMIAS		NUTRITIONAL DEFICIENCIES	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	445	3.7	411	3.4	319	2.6	312	2.6	231	1.9	186	1.5
ALLENTOWN	0	-	4	3.8	1	1.0	5	4.8	2	1.9	1	1.0
ALTOONA	0	-	0	-	5	9.5	2	3.8	3	5.7	1	1.9
BETHEL PARK	0	-	1	2.8	3	8.5	1	2.8	1	2.8	0	-
BETHLEHEM	0	-	2	2.7	1	1.4	1	1.4	3	4.1	0	-
CHESTER	1	2.4	4	9.5	2	4.8	1	2.4	2	4.8	0	-
EASTON	0	-	1	3.6	0	-	2	7.3	0	-	0	-
ERIE	1	0.9	4	3.6	1	0.9	9	8.1	5	4.5	2	1.8
HARRISBURG	0	-	5	9.7	1	1.9	1	1.9	2	3.9	3	5.8
HAZLETON	9	35.5	2	7.9	1	3.9	1	3.9	2	7.9	0	-
JOHNSTOWN	0	-	3	10.1	1	3.4	1	3.4	0	-	1	3.4
LANCASTER	0	-	3	5.1	3	5.1	2	3.4	2	3.4	0	-
LEBANON	1	3.7	1	3.7	0	-	4	14.9	0	-	0	-
MCKEESPORT	0	-	1	3.9	1	3.9	1	3.9	1	3.9	4	15.4
MONROEVILLE	0	-	0	-	0	-	0	-	0	-	1	3.4
NEW CASTLE	0	-	1	3.4	0	-	1	3.4	1	3.4	0	-
NORRISTOWN	0	-	1	3.1	2	6.1	2	6.1	1	3.1	2	6.1
PHILADELPHIA	7	0.4	93	5.6	58	3.5	40	2.4	55	3.3	60	3.6
PITTSBURGH	0	-	15	4.0	9	2.4	14	3.8	13	3.5	5	1.3
PLUM	0	-	0	-	0	-	0	-	0	-	0	-
READING	1	1.3	4	5.3	4	5.3	4	5.3	3	4.0	1	1.3
SCRANTON	7	8.7	6	7.4	4	5.0	3	3.7	3	3.7	2	2.5
SHARON	0	-	0	-	0	-	1	6.6	0	-	1	6.6
STATE COLLEGE	0	-	1	3.1	0	-	0	-	0	-	0	-
WEST MIFFLIN	0	-	0	-	0	-	2	8.2	1	4.1	0	-
WILKES BARRE	15	32.1	3	6.4	0	-	2	4.3	1	2.1	1	2.1
WILLIAMSPORT	0	-	3	9.4	2	6.3	1	3.1	2	6.3	0	-
YORK	0	-	0	-	1	2.2	1	2.2	1	2.2	1	2.2
ALL OTHER AREAS	403	4.5	253	2.8	219	2.5	210	2.4	127	1.4	100	1.1

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	162	1.3	147	1.2	139	1.2	104	0.9	94	0.8
ALLENTOWN	4	3.8	1	1.0	1	1.0	0	-	2	1.9
ALTOONA	3	5.7	0	-	1	1.9	0	-	0	-
BETHEL PARK	1	2.8	0	-	0	-	0	-	0	-
BETHLEHEM	0	-	0	-	0	-	0	-	0	-
CHESTER	0	-	1	2.4	4	9.5	0	-	0	-
EASTON	0	-	0	-	1	3.6	0	-	2	7.3
ERIE	1	0.9	3	2.7	0	-	0	-	1	0.9
HARRISBURG	1	1.9	1	1.9	7	13.6	0	-	1	1.9
HAZLETON	0	-	2	7.9	0	-	0	-	0	-
JOHNSTOWN	0	-	0	-	0	-	0	-	0	-
LANCASTER	1	1.7	0	-	0	-	1	1.7	0	-
LEBANON	1	3.7	0	-	0	-	0	-	0	-
MCKEESPORT	0	-	0	-	1	3.9	0	-	1	3.9
MONROEVILLE	0	-	0	-	0	-	1	3.4	0	-
NEW CASTLE	0	-	0	-	0	-	0	-	3	10.1
NORRISTOWN	0	-	2	6.1	0	-	2	6.1	0	-
PHILADELPHIA	25	1.5	27	1.6	52	3.2	21	1.3	15	0.9
PITTSBURGH	5	1.3	7	1.9	7	1.9	3	0.8	3	0.8
PLUM	0	-	0	-	0	-	0	-	0	-
READING	1	1.3	0	-	1	1.3	2	2.6	1	1.3
SCRANTON	2	2.5	2	2.5	0	-	0	-	2	2.5
SHARON	0	-	0	-	0	-	0	-	0	-
STATE COLLEGE	0	-	0	-	0	-	0	-	0	-
WEST MIFFLIN	1	4.1	0	-	0	-	0	-	0	-
WILKES BARRE	1	2.1	0	-	0	-	0	-	0	-
WILLIAMSPORT	1	3.1	0	-	1	3.1	0	-	0	-
YORK	0	-	0	-	2	4.4	0	-	0	-
ALL OTHER AREAS	114	1.3	101	1.1	61	0.7	74	0.8	63	0.7

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-35 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

	EPILEPSY		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	93	0.8	81	0.7	43	0.4	36	0.3	11,062	91.9
ALLENTOWN	0	-	1	1.0	1	1.0	0	-	100	95.0
ALTOONA	1	1.9	1	1.9	0	-	0	-	57	108.5
BETHEL PARK	0	-	0	-	0	-	0	-	27	76.8
BETHLEHEM	0	-	0	-	0	-	0	-	63	86.1
CHESTER	0	-	1	2.4	1	2.4	0	-	56	133.4
EASTON	0	-	0	-	0	-	1	3.6	17	61.7
ERIE	0	-	1	0.9	1	0.9	2	1.8	151	135.4
HARRISBURG	0	-	1	1.9	1	1.9	0	-	59	114.6
HAZLETON	0	-	0	-	0	-	0	-	29	114.3
JOHNSTOWN	0	-	0	-	1	3.4	0	-	28	94.2
LANCASTER	1	1.7	0	-	0	-	0	-	59	99.9
LEBANON	1	3.7	0	-	1	3.7	0	-	23	85.5
MCKEESPORT	1	3.9	0	-	0	-	0	-	61	235.6
MONROEVILLE	1	3.4	0	-	0	-	1	3.4	20	67.3
NEW CASTLE	0	-	0	-	0	-	0	-	29	97.9
NORRISTOWN	0	-	1	3.1	1	3.1	0	-	55	168.7
PHILADELPHIA	11	0.7	30	1.8	5	0.3	11	0.7	2,180	132.4
PITTSBURGH	6	1.6	3	0.8	2	0.5	4	1.1	470	126.5
PLUM	0	-	0	-	0	-	0	-	13	52.2
READING	1	1.3	1	1.3	0	-	0	-	77	101.9
SCRANTON	1	1.2	1	1.2	0	-	0	-	93	115.2
SHARON	0	-	0	-	0	-	0	-	20	131.4
STATE COLLEGE	0	-	0	-	0	-	0	-	12	37.7
WEST MIFFLIN	2	8.2	0	-	0	-	0	-	29	119.3
WILKES BARRE	0	-	1	2.1	0	-	0	-	70	149.7
WILLIAMSPORT	0	-	0	-	0	-	0	-	27	85.0
YORK	1	2.2	0	-	0	-	0	-	49	108.2
ALL OTHER AREAS	66	0.7	39	0.4	29	0.3	17	0.2	7,188	80.9

* RATE PER 100,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

INDUCED ABORTIONS

1989 INDUCED ABORTION STATISTICS -- Data Highlights

THE STATE:

Total Induced Abortions There were 48,274 induced terminations of pregnancy reported among residents of Pennsylvania during 1989 -- 1.0 percent more than the 47,802 performed in 1988. The 1989 figure is the fourth lowest annual number of induced abortions to residents since 1975 -- the first full year for which data were collected. The highest number of induced abortions to residents occurred in 1980 when 61,064 were reported. The total annual number of induced abortions consistently increased every year from 1975 to 1980. However, since 1980, the annual figures have been decreasing or have been much lower than the 1980 total. The (slightly higher) annual numbers of occurrences have followed the same trend as for the resident figures since 1975.

Induced Abortion Rate The induced abortion rate per 1,000 females aged 15-44 years was 17.5 in 1989, compared to 17.4 in 1988. The induced abortion rates for residents of Pennsylvania followed the same trend as for the annual numbers -- rates increased between 1975 and 1980, peaked in 1980 at 23.1 and then have been decreasing or lower since 1980. The 1989 rate is the third lowest since 1975.

Age of Woman Over 54 percent of the induced abortions among residents of Pennsylvania in 1989 were to women 20-29 years of age. A quarter of all the induced abortions performed to residents that year were to teenagers (under 20 years of age). Almost all (96.5 percent) of the 12,083 procedures among teenagers were to females 15-19 years of age. The median age of a resident woman obtaining an induced abortion in Pennsylvania was 23.8 in 1989.

Residents aged 20-24 had the highest age-specific induced abortion rate in 1989 (35.3), followed by residents 15-19 years of age (27.0) and those 25-29 years of age (21.2). Residents 45 years of age and older and those under 15 years of age had the lowest age-specific induced abortion rates in 1989, 0.1 and 1.1, respectively.

Historical data on induced abortions by age, available only for occurrences, provide a basis for some trend analysis. Women in their twenties accounted for 54.2 percent of all induced abortions that occurred in the state during 1989, 55.5 percent in 1980, and 49.5 percent in 1975. Females 19 years of age and younger (teenagers) accounted for 25.2 percent of all the induced abortions that occurred in 1989. In 1980, the corresponding figure was 30.7 percent. This represents a 35.9 percent decrease in the number of induced abortions that occurred among teenagers in 1989 as compared to 1980. Women aged 30-39 obtained 12.4 percent of all abortions that occurred in the state during 1980. By 1989, they accounted for 18.8 percent, an increase of 51.6 percent. The median age of a woman obtaining an abortion in Pennsylvania was 23.7 in 1989, 23.3 in 1985, 22.6 in 1980, and 22.3 in 1975.

Gestational Age Over 90 percent of all induced abortions to residents of Pennsylvania in 1989 were performed during the first trimester (three months or twelve weeks) of pregnancy. Induced abortions were performed between the thirteenth and nineteenth week of fetal gestation for 8.9 percent of all procedures to residents in 1989. Only 380 or 0.8 percent of the induced abortions to residents in 1989 were performed at or after the twentieth week of fetal gestation. The percentage distributions for occurrences were similar to those for residents.

Type of Procedure

Almost 90 percent of induced abortions (for both residents and all occurrences) in 1989 were performed primarily by suction curettage. Approximately 10 percent of the procedures were performed primarily by dilation and evacuation. The remaining 0.5 percent were performed by either intra-uterine saline and prostaglandin instillation or other methods.

COUNTIES:

County of Residence

Residents of Philadelphia accounted for almost a third (32.7 percent or 15,794) of the total induced abortions performed for Pennsylvania residents in 1989. Allegheny County residents accounted for 14.9 percent or 7,211. Together, the residents of these two counties represented almost half of the total induced abortions performed in the state in 1989. Philadelphia and Allegheny Counties also had the highest induced abortion rates among the counties -- 40.3 and 23.6 per 1,000 females 15-44 years of age, respectively. The next highest rates were in Delaware (21.2) and Dauphin (20.6) Counties. Philadelphia also recorded almost half of all the induced abortions performed for residents of the state under 15 years of age in 1989

County of Occurrence

Over 61 percent (31,396) of all the induced abortions that occurred in Pennsylvania were performed in Philadelphia and Allegheny Counties. Induced abortions were performed and reported in 22 other counties across the state. Only two counties in the western part of the state reported induced abortions in 1989 -- Allegheny and Westmoreland -- and Westmoreland accounted for only seven procedures.

NOTE: Induced abortions relating to Pennsylvania residents which occurred in another state are not included in the data that appear in this section. See the *Sources of Data* section of the *Technical Notes* in the back of this report for further discussion of this data limitation.

LIST OF DATA TABLES AND ILLUSTRATIONS

INDUCED ABORTION DATA TABLES PAGE

Table D-1 Induced Abortions, Number and Rate, Pennsylvania Residents, and Number of Pennsylvania Occurrences, 1975-1989 193

Table D-2 Induced Abortions by Age of Woman, Number and Rate, Pennsylvania Residents, 1989, and Number, Pennsylvania Occurrences, 1989, 1985, 1980, and 1975 193

Table D-3 Induced Abortions by Weeks of Gestation, Number and Percent: Pennsylvania Residents and Occurrences, 1989 194

Table D-4 Induced Abortions by Primary Type of Procedure, Number and Percent: Pennsylvania Residents and Occurrences, 1989 194

Table D-5 Induced Abortions by Age of Woman and County, Number and Rate: Pennsylvania Residents, 1989 196

Table D-6 Induced Abortions by County of Procedure, Pennsylvania Occurrences, 1989 199

INDUCED ABORTION DATA ILLUSTRATIONS PAGE

Figure D-1 Induced Abortions, Percent by Age Group, Pennsylvania Residents, 1989 195

Figure D-2 Induced Abortions, Percent by Weeks of Gestation, Pennsylvania Residents, 1989 195

Figure D-3 State Map: Induced Abortion Rates by County, Pennsylvania Residents, 1989 198

TABLE D-1
INDUCED ABORTIONS, NUMBER AND RATE, PENNSYLVANIA RESIDENTS, AND NUMBER OF PENNSYLVANIA OCCURRENCES, 1975-1989

YEAR	RESIDENTS NUMBER	RESIDENTS RATE*	NUMBER OF OCCURRENCES
1989	48,274	17.5	51,341
1988	47,802	17.4	50,786
1987	48,931	17.9	51,630
1986	49,537	18.2	51,666
1985	51,054	18.8	53,465
1984	56,462	20.9	59,258
1983	55,726	20.7	59,288
1982	56,901	21.3	60,772
1981	58,820	22.1	62,701
1980	61,064	23.1	65,777
1979	59,108	22.5	64,147
1978	54,594	21.0	60,639
1977	51,421	20.0	57,880
1976	46,397	18.2	52,261
1975	38,050	15.1	43,319

*RATE PER 1,000 FEMALE POPULATION AGE 15-44 YEARS.

TABLE D-2
INDUCED ABORTIONS BY AGE OF WOMAN, NUMBER AND RATE, PENNSYLVANIA RESIDENTS, 1989 AND NUMBER, PENNSYLVANIA OCCURRENCES, 1989, 1985, 1980, AND 1975

AGE OF WOMAN (IN YEARS)	1989 RESIDENTS		OCCURRENCES			
	NUMBER	RATE*	1989	1985	1980	1975
ALL AGES	48,274	17.5	51,341	53,465	65,777	43,319
UNDER 15	421	1.1	450	564	662	851
15-19	11,662	27.0	12,492	13,955	19,540	14,156
20-24	16,010	35.3	17,044	18,605	24,476	14,192
25-29	10,255	21.2	10,804	11,203	12,036	7,232
30-34	6,090	11.9	6,429	5,802	5,679	3,683
35-39	2,992	6.5	3,213	2,677	2,456	2,086
40-44	798	1.9	859	603	751	838
45 & OVER	46	0.1	48	35	77	97
UNKNOWN	0	-	2	21	100	184

*RATE PER 1,000 FEMALE POPULATION BY AGE GROUP. ALL AGES INCLUDES FEMALES AGE 15-44 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 & OVER INCLUDES FEMALES AGE 45-49 YEARS.

TABLE D-3
INDUCED ABORTIONS BY WEEKS OF GESTATION, NUMBER AND PERCENT: PENNSYLVANIA RESIDENTS AND OCCURRENCES, 1989

WEEKS OF GESTATION	RESIDENTS		OCCURRENCES	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	48,274	100.0	51,341	100.0
8 OR LESS	24,259	50.3	25,605	49.9
9-10	12,913	26.7	13,658	26.6
11-12	6,315	13.1	6,660	13.0
13-15	3,045	6.3	3,273	6.4
16-19	1,271	2.6	1,515	2.9
20-23	377	0.8	527	1.0
24 OR MORE	3	0.0	5	0.0
UNKNOWN	91	0.2	98	0.2

TABLE D-4
INDUCED ABORTIONS BY PRIMARY TYPE OF PROCEDURE, NUMBER AND PERCENT: PENNSYLVANIA RESIDENTS AND OCCURRENCES, 1989

PRIMARY TYPE OF PROCEDURE	RESIDENTS		OCCURRENCES	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	48,274	100.0	51,341	100.0
SUCTION CURETTAGE	43,366	89.8	45,804	89.2
DILATION AND EVACUATION	4,675	9.7	5,272	10.3
INTRA-UTERINE SALINE AND PROSTAGLANDIN INSTILLATION	90	0.2	95	0.2
OTHER	143	0.3	170	0.3

FIGURE D-1
INDUCED ABORTIONS, PERCENT BY AGE GROUP
PENNSYLVANIA RESIDENTS, 1989

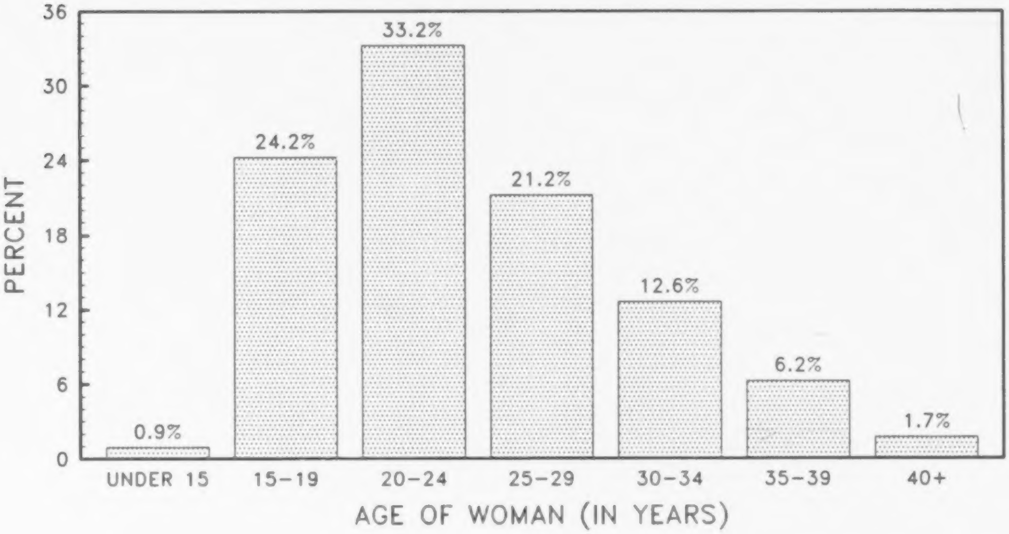


FIGURE D-2
INDUCED ABORTIONS, PERCENT BY WEEKS OF GESTATION
PENNSYLVANIA RESIDENTS, 1989

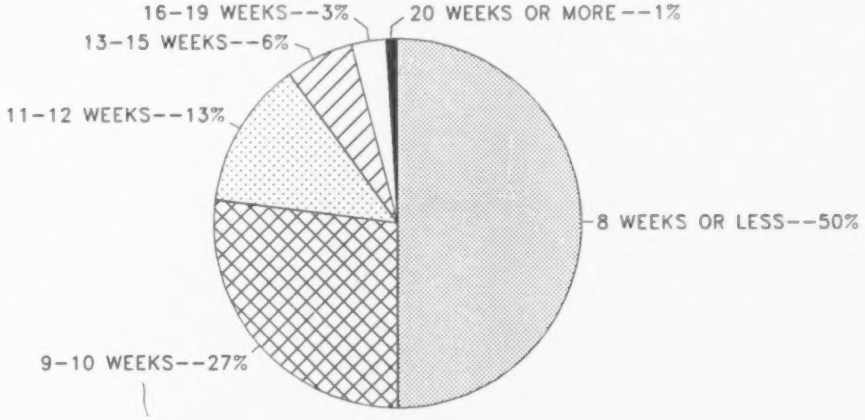


TABLE D-5
INDUCED ABORTIONS BY AGE OF WOMAN AND COUNTY
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

			AGE OF WOMAN (IN YEARS)							
COUNTY	ALL AGES	RATE	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER
ALL COUNTIES	48,274**	17.5	421	11,662	16,010	10,255	6,090	2,992	798	46
ADAMS	151	8.4	0	51	52	22	14	9	3	0
ALLEGHENY	7,211	23.6	48	1,687	2,403	1,545	905	481	138	4
ARMSTRONG	119	7.4	0	44	39	16	12	7	1	0
BEAVER	534	13.0	2	141	174	111	54	40	11	1
BEDFORD	46	4.5	0	10	12	4	14	5	1	0
BERKS	1,118	15.0	7	277	356	234	148	76	20	0
BLAIR	221	7.4	1	62	55	48	33	19	3	0
BRADFORD	8	0.6	0	4	3	0	0	1	0	0
BUCKS	2,108	16.2	15	527	653	433	279	159	40	2
BUTLER	409	11.3	2	104	155	64	53	26	5	0
CAMBRIA	258	6.9	2	70	86	45	33	13	8	1
CAMERON	8	6.2	0	2	3	2	1	0	0	0
CARBON	135	11.3	2	36	37	26	17	12	4	1
CENTRE	517	15.9	4	129	251	66	40	22	5	0
CHESTER	1,481	16.0	10	359	464	317	184	110	35	2
CLARION	84	8.4	0	23	31	15	8	4	3	0
CLEARFIELD	109	6.4	1	27	37	21	17	6	0	0
CLINTON	67	7.4	2	25	18	16	4	2	0	0
COLUMBIA	154	10.3	0	49	62	26	12	4	1	0
CRAWFORD	138	7.8	2	42	46	21	13	11	3	0
CUMBERLAND	604	12.6	2	154	219	110	71	37	11	0
DAUPHIN	1,154	20.6	11	267	382	271	144	54	25	0
DELAWARE	2,676	21.2	26	614	811	634	363	182	44	2
ELK	27	3.6	1	6	13	4	2	1	0	0
ERIE	257	3.8	2	75	98	40	30	9	3	0
FAYETTE	322	10.6	0	100	117	40	40	20	4	1
FOREST	12	12.5	0	2	3	4	2	1	0	0
FRANKLIN	76	2.8	1	19	30	15	8	1	2	0
FULTON	6	1.9	1	1	1	0	1	1	1	0
GREENE	96	10.4	2	30	32	8	12	7	4	1
HUNTINGDON	78	8.0	1	29	26	5	8	8	1	0
INDIANA	227	9.5	0	78	88	25	20	13	3	0
JEFFERSON	90	8.9	0	31	25	19	10	4	1	0

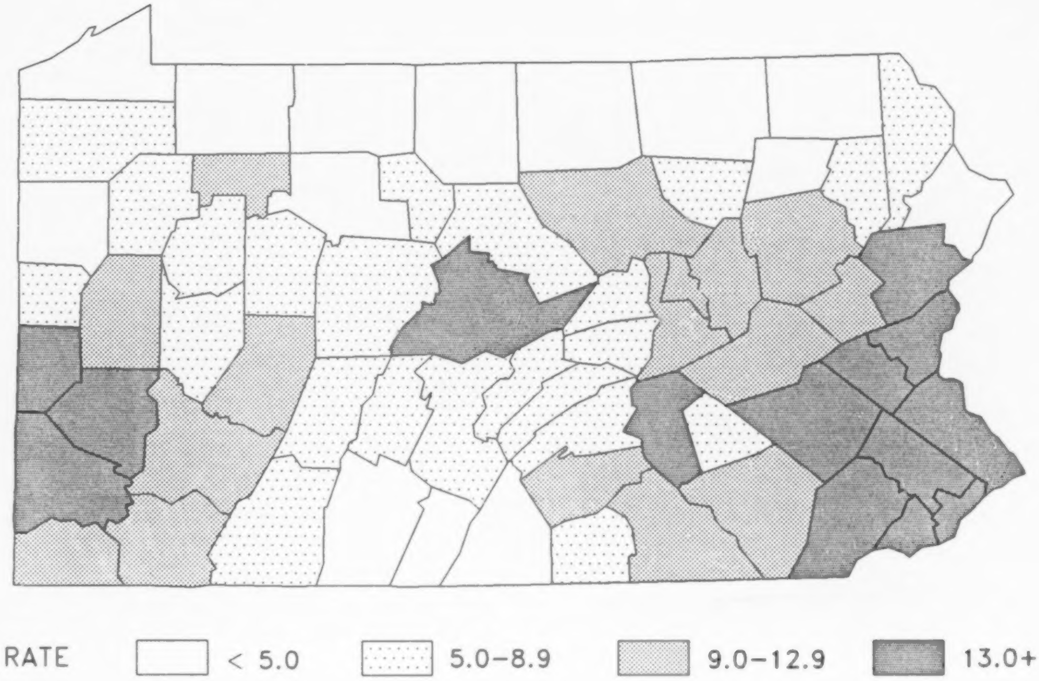
(CONTINUED)

TABLE D-5
INDUCED ABORTIONS BY AGE OF WOMAN AND COUNTY
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1989

			AGE OF WOMAN (IN YEARS)							
COUNTY	ALL AGES	RATE	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER
JUNIATA	27	6.3	0	8	6	7	2	3	1	0
LACKAWANNA	409	8.4	1	108	131	82	51	27	9	0
LANCASTER	1,021	10.4	8	243	363	206	123	60	17	1
LAWRENCE	105	5.0	0	31	31	15	16	10	2	0
LEBANON	231	8.7	2	52	86	41	31	14	4	1
LEHIGH	1,053	15.2	7	274	361	208	124	60	18	1
LUZERNE	813	11.4	3	210	271	161	84	66	16	2
LYCOMING	251	9.3	1	74	76	52	26	20	2	0
MCKEAN	22	2.4	0	8	8	1	3	1	1	0
MERCER	99	3.7	1	27	34	11	16	8	2	0
MIFFLIN	73	7.0	1	20	27	12	9	4	0	0
MONROE	353	15.6	1	73	113	67	54	37	8	0
MONTGOMERY	2,958	18.8	18	648	957	663	385	209	74	4
MONTOUR	36	9.8	1	8	11	11	4	1	0	0
NORTHAMPTON	855	16.0	5	235	284	166	104	52	9	0
NORTHUMBERLAND	187	9.1	2	54	65	32	23	9	2	0
PERRY	70	7.3	2	19	24	13	11	1	0	0
PHILADELPHIA	15,794	40.3	193	3,540	5,276	3,622	2,085	870	190	18
PIKE	23	4.0	0	5	6	4	2	4	1	1
POTTER	7	2.0	0	2	3	2	0	0	0	0
SCHUYLKILL	355	11.1	1	96	130	56	45	19	7	1
SNYDER	53	6.2	0	16	26	5	5	0	1	0
SOMERSET	115	6.7	1	35	36	22	12	7	2	0
SULLIVAN	11	7.5	0	3	5	1	1	0	1	0
SUSQUEHANNA	8	0.9	0	2	2	2	0	1	0	1
TIOGA	22	2.3	0	7	6	7	1	1	0	0
UNION	50	5.9	0	21	16	6	3	4	0	0
VENANGO	100	7.5	3	28	26	28	6	7	2	0
WARREN	13	1.4	1	2	5	4	1	0	0	0
WASHINGTON	607	13.6	6	177	172	135	69	32	15	1
WAYNE	75	8.7	2	15	25	18	9	4	2	0
WESTMORELAND	895	10.5	6	225	298	172	125	52	17	0
WYOMING	24	3.7	0	5	9	5	4	1	0	0
YORK	994	12.3	10	299	326	200	95	52	12	0

* RATE PER 1,000 FEMALE POPULATION AGE 15-44 YEARS.
**TOTAL INCLUDES UNKNOWN COUNTY OF RESIDENCE.

FIGURE D-3
INDUCED ABORTION RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1989



NOTE: RATE PER 1,000 FEMALES AGE 15-44 YEARS. SEE TABLE D-5 FOR COUNTY RATES.

TABLE D-6
INDUCED ABORTIONS BY COUNTY OF PROCEDURE
PENNSYLVANIA OCCURRENCES, 1989

COUNTY	NUMBER	COUNTY	NUMBER
ALL COUNTIES	51,341		
ADAMS	0	LACKAWANNA	0
ALLEGHENY	13,299	LANCASTER	0
ARMSTRONG	0	LAWRENCE	0
BEAVER	0	LEBANON	0
BEDFORD	0	LEHIGH	4,901
BERKS	233	LUZERNE	0
BLAIR	5	LYCOMING	1
BRADFORD	2	MCKEAN	0
BUCKS	462	MERCER	0
BUTLER	0	MIFFLIN	0
CAMBRIA	0	MONROE	246
CAMERON	0	MONTGOMERY	1,979
CARBON	0	MONTOUR	19
CENTRE	53	NORTHAMPTON	44
CHESTER	2,715	NORTHUMBERLAND	0
CLARION	0	PERRY	0
CLEARFIELD	0	PHILADELPHIA	18,097
CLINTON	0	PIKE	0
COLUMBIA	9	POTTER	0
CRAWFORD	0	SCHUYLKILL	1
CUMBERLAND	1	SNYDER	0
DAUPHIN	4,760	SOMERSET	0
DELAWARE	3,034	SULLIVAN	0
ELK	0	SUSQUEHANNA	0
ERIE	0	TIOGA	0
FAYETTE	0	UNION	4
FOREST	0	VENANGO	0
FRANKLIN	1	WARREN	0
FULTON	0	WASHINGTON	0
GREENE	0	WAYNE	0
HUNTINGDON	2	WESTMORELAND	7
INDIANA	0	WYOMING	0
JEFFERSON	0	YORK	1,466
JUNIATA	0		

MARRIAGES DIVORCES

1989 MARRIAGE and DIVORCE STATISTICS -- Data Highlights

MARRIAGES:

Total Marriages In 1989, the number of marriages that occurred in Pennsylvania was 87,587, a decrease of 376 marriages or 0.4 percent from the 87,963 that occurred in 1988. This is the eighth decrease since 1980 in the annual number of marriages occurring in the state. The only increases occurred in 1982 and 1988. The 1989 marriage rate was 7.3 per 1,000 population. The state's marriage rate has remained at 7.3 since 1987 and is the lowest marriage rate for the state since 1966. Pennsylvania's marriage rate has also been consistently lower than that recorded for the United States over the years 1950 - 1989.

Age of Bride The largest proportion of brides continued to be in the age group 20-24, accounting for 33.1 percent of all marriages in 1989. However, compared to 1970, the number of marriages in 1989 for women under 25 years of age has decreased by 51.0 percent while the number for women 25 years of age and older has increased by 124.2 percent. The largest increase among the age groups occurred to women 30-34 years of age; the number of marriages in 1989 reported for that age group was 245.2 percent higher than in 1970.

Age of Groom Age at the time of marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising dramatically over the years for those 25 years of age and over and declining significantly for those under 25 years of age. In fact, the number and rate of marriages in 1989 among males 25-29 years of age was higher than the corresponding figures for those 20-24, the age group which has traditionally held the distinction of having the highest figures among all the age groups.

Marriage Rate by Age Marriage rates for brides under 30 years of age were higher than the corresponding rates for grooms and the marriage rates among grooms 30 years of age and older were higher than the rates for brides of these ages. For example, the 1989 marriage rate for brides under 20 years of age was more than three times that for the grooms; while, for the age group 50 and older, the grooms' marriage rate was more than twice the brides' rate.

Prior Marital Status Age 20-24 was the most common age group for first marriages for women. However, among the men being married for the first time, age 25-29 was the most common age group. The median ages of brides and grooms being married for the first time were 24.7 and 26.7, respectively.

For 72.5 percent of the brides and 71.9 percent of the grooms, the marriage occurring in Pennsylvania was a first marriage. In 1970, 84.0 percent of the brides were being married for the first time and 83.1 percent of the grooms. Approximately 4.0 percent of the women and the men marrying in 1989 had had two or more prior marriages. The median age of brides who had been previously married was 35.7; for grooms previously married, the median age was 39.1.

For persons previously widowed, 59.3 percent of the women and 79.8 percent of the men were age 50 and older at the time of their remarriage. Among those previously divorced, the median age for women being remarried was 34.7; for men, it was 38.0.

Age of Bride and Groom

In 16.5 percent of all marriages, both the bride and the groom were in the age group 20-24. The second most common combination was both the bride and the groom 25-29 years of age -- 14.9 percent of all marriages. In 12.3 percent of the marriages, the bride was 20-24 and the groom 25-29 years of age -- the third most common combination.

Residence

Most of the brides (93.1 percent) and grooms (89.9 percent) who were married in Pennsylvania in 1989 were also residents of Pennsylvania.

Marriages by Month

September was the most popular month for marriages in 1989 with 11,682 marriages occurring in Pennsylvania, followed by June (10,527), May (9,671) and October (9,498). The least popular month was January when only 2,872 marriages took place.

DIVORCES:

Total Divorces

In 1989, the total number of divorces and annulments occurring in Pennsylvania was 38,373. This represents a decrease of 628 or 1.6 percent compared to the 1988 figure of 39,001. The rate was 3.2 per 1,000 population, the same as for 1988 and the lowest annual divorce rate recorded for the state since 1980 when it was 2.9. Pennsylvania's divorce rate has been consistently lower than the rate for the United States over the years 1950 - 1989.

Duration of Marriage

Over half (52.5 percent) of all divorces and annulments occurred in marriages of nine years duration or less in 1989. Marriages of four and five years duration had the highest numbers of divorces and annulments. Almost 17.0 percent of the divorces and annulments during 1989 occurred in marriages of 20 years duration or longer.

NOTE: Caution is advised when analyzing marriage and divorce statistics which are based on the number of events occurring in a county and may or may not reflect the county of residence of either party. See the *Reliability of Rates* section of the *Technical Notes* in the back of this report for more discussion of these rates.

LIST OF DATA TABLES AND ILLUSTRATIONS

MARRIAGE AND DIVORCE DATA TABLES **PAGE**

Table E-1 Marriages, Number and Rate: Pennsylvania and United States Occurrences, 1950-1989 205

Table E-2 Marriages by Age of Bride, Number and Rate: Pennsylvania Occurrences, 1989, 1985, 1980, 1975, and 1970 206

Table E-3 Marriages by Age of Groom, Number and Rate: Pennsylvania Occurrences, 1989, 1985, 1980, 1975, and 1970 206

Table E-4 Prior Marriages by Age of Bride, Pennsylvania Occurrences, 1989 208

Table E-5 Prior Marriages by Age of Groom, Pennsylvania Occurrences, 1989 208

Table E-6 Previous Marital Status by Age of Bride and Age of Groom, Pennsylvania Occurrences, 1989 209

Table E-7 All Marriages by Age of Bride and Age of Groom, Pennsylvania Occurrences, 1989 209

Table E-8 All Marriages by Residence of Bride and Groom, Number and Percent: Pennsylvania Occurrences, 1989 210

Table E-9 All Marriages by Month, Number and Percent: Pennsylvania Occurrences, 1989 210

Table E-10 Divorces and Annulments, Number and Rate: Pennsylvania and United States Occurrences, 1950-1989 211

Table E-11 Divorces and Annulments by Duration of Marriage, Number and Percent: Pennsylvania Occurrences, 1989 212

Table E-12 Marriages and Divorces by County of Occurrence, Number and Rate: Pennsylvania, 1989 213

MARRIAGE AND DIVORCE DATA ILLUSTRATIONS **PAGE**

Figure E-1 Marriage Rates: Pennsylvania and United States, 1950-1989 205

Figure E-2 Marriage Rates by Age of Bride and Age of Groom, Pennsylvania Occurrences, 1989 207

Figure E-3 Divorce Rates: Pennsylvania and United States, 1950-1989 211

Figure E-4 Divorces and Annulments, Percent by Duration of Marriage, Pennsylvania Occurrences, 1989 212

TABLE E-1
MARRIAGES, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	87,587	7.3	2,404,000**	9.7	1969	94,861	8.0	2,145,000	10.6
1988	87,963	7.3	2,389,000**	9.7	1968	91,947	7.8	2,069,000	10.4
1987	87,218	7.3	2,403,378	9.9	1967	85,508	7.3	1,927,000	9.7
1986	87,558	7.4	2,407,099	10.0	1966	81,337	7.0	1,857,000	9.5
1985	89,139	7.5	2,412,625	10.1	1965	80,187	7.0	1,800,000	9.3
1984	91,610	7.7	2,477,192	10.5	1964	76,660	6.7	1,725,000	9.0
1983	92,095	7.7	2,445,604	10.5	1963	72,024	6.3	1,654,000	8.8
1982	93,350	7.9	2,456,278	10.6	1962	68,916	6.1	1,577,000	8.5
1981	92,644	7.8	2,422,145	10.6	1961	69,617	6.1	1,548,000	8.5
1980	93,673	7.9	2,390,252	10.6	1960	71,835	6.3	1,523,000	8.5
1979	93,677	8.0	2,331,337	10.4	1959	71,719	6.3	1,494,000	8.5
1978	92,682	7.9	2,282,272	10.3	1958	67,203	6.1	1,451,000	8.4
1977	90,842	7.7	2,178,367	9.9	1957	75,208	6.7	1,518,000	8.9
1976	90,442	7.6	2,154,807	9.9	1956	77,682	7.0	1,585,000	9.5
1975	91,665	7.7	2,152,662	10.0	1955	77,543	7.0	1,531,000	9.3
1974	96,663	8.2	2,229,667	10.5	1954	72,934	6.7	1,490,000	9.2
1973	101,076	8.5	2,284,108	10.8	1953	80,316	7.4	1,546,000	9.8
1972	98,496	8.3	2,282,154	10.9	1952	78,946	7.4	1,539,318	9.9
1971	94,663	8.0	2,190,481	10.6	1951	84,878	8.0	1,594,694	10.4
1970	94,516	8.0	2,158,802	10.6	1950	89,669	8.5	1,667,231	11.1

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE E-1
MARRIAGE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989

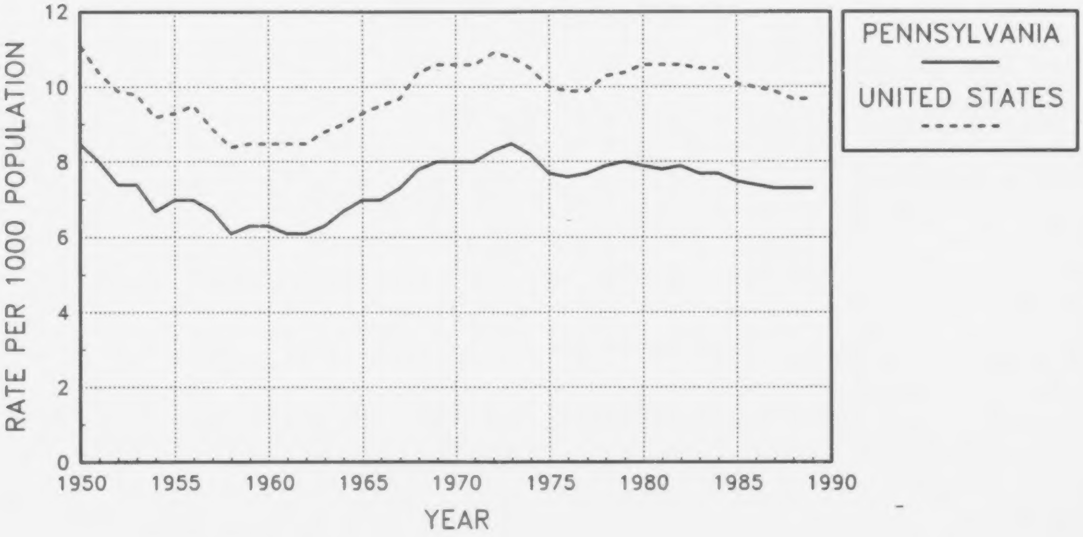


TABLE E-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE*: PENNSYLVANIA OCCURRENCES, 1989, 1985, 1980, 1975, AND 1970

AGE OF BRIDE (IN YEARS)	1989		1985		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,587	17.2	89,139	17.7	93,673	18.9	91,665	19.1	94,516	20.7
UNDER 20	5,753	13.3	8,600	18.6	14,330	26.8	21,207	37.4	22,323	41.5
20-24**	29,017	64.0	34,624	69.0	41,886	78.0	41,769	78.7	48,631	106.4
25-29	24,697	51.1	22,496	43.8	19,150	40.2	13,597	30.1	10,265	28.3
30-34	12,318	24.1	10,335	22.1	7,813	18.1	5,076	14.2	3,568	11.3
35-39	6,573	14.2	5,367	12.7	3,640	10.4	2,681	8.6	2,174	6.7
40-44	3,862	9.4	2,801	8.0	2,095	6.8	1,860	5.8	2,021	5.2
45-49	2,245	6.6	1,670	5.5	1,426	4.6	1,717	4.6	1,714	4.2
50 & OVER	3,122	1.6	3,246	1.6	3,333	1.7	3,758	2.0	3,820	2.1

* RATE PER 1,000 FEMALE POPULATION FOR EACH YEAR BY AGE GROUP. ALL AGES INCLUDES FEMALES 15 & OVER; UNDER 20 INCLUDES FEMALES AGE 15-19 YEARS; AND 50 & OVER INCLUDES FEMALES AGE 50 YEARS & OVER.

**BRIDES WITH UNKNOWN AGE ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE E-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE*: PENNSYLVANIA OCCURRENCES, 1989, 1985, 1980, 1975, AND 1970

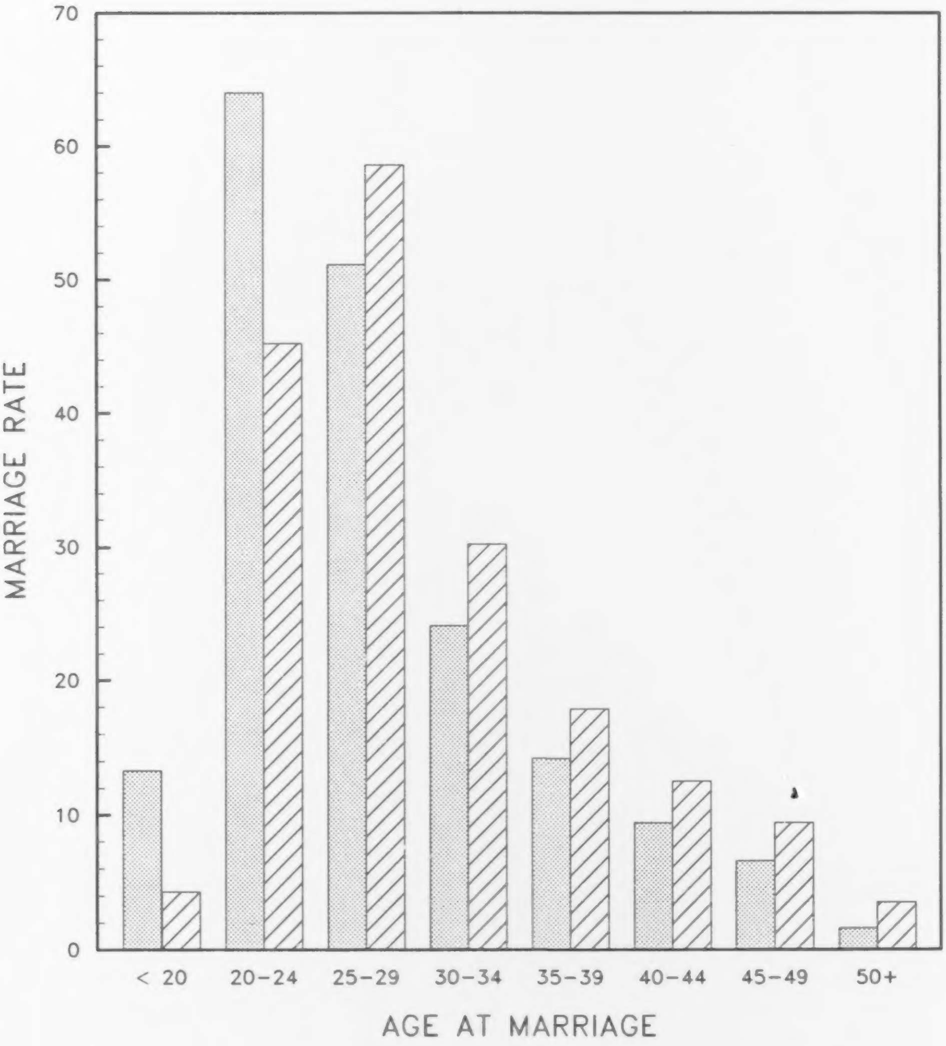
AGE OF GROOM (IN YEARS)	1989		1985		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,587	19.3	89,139	19.9	93,673	21.2	91,665	21.4	94,516	23.3
UNDER 20	1,924	4.3	2,841	6.0	4,893	9.0	8,269	14.1	9,083	16.9
20-24	21,211	45.2	27,283	54.2	36,931	70.6	41,079	77.7	48,757	123.4
25-29**	28,315	58.6	27,191	54.1	25,582	54.6	21,027	54.3	18,083	52.7
30-34	14,991	30.2	13,277	29.2	10,995	26.4	7,391	22.0	5,735	19.5
35-39	7,970	17.9	7,202	17.7	5,028	15.2	3,664	12.8	3,055	10.2
40-44	4,915	12.5	3,721	11.4	2,952	10.4	2,559	8.7	2,464	6.9
45-49	2,946	9.4	2,330	8.4	2,013	7.0	2,171	6.3	2,052	5.5
50 & OVER	5,315	3.5	5,294	3.5	5,279	3.4	5,505	3.7	5,287	3.6

* RATE PER 1,000 MALE POPULATION FOR EACH YEAR BY AGE GROUP. ALL AGES INCLUDES MALES 15 & OVER; UNDER 20 INCLUDES MALES AGE 15-19 YEARS; AND 50 & OVER INCLUDES MALES AGE 50 YEARS & OVER.

**GROOMS WITH UNKNOWN AGE ARE INCLUDED IN THE 25-29 YEAR AGE GROUP FOR 1989, AND IN THE 20-24 YEAR AGE GROUP FOR ALL OTHER YEARS.

NOTE: IN THE ABOVE TABLES, WHEN CALCULATING THE RATE FOR ALL AGES, THE AGE GROUP 15 & OVER WAS USED INSTEAD OF ALL AGES AS WAS DONE IN PREVIOUS EDITIONS OF "PENNSYLVANIA VITAL STATISTICS". THIS NEW STANDARD CALCULATION WILL ALLOW FOR COMPARISON WITH NATIONAL AND OTHER STATES' RATES.

FIGURE E−2
MARRIAGE RATES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1989



NOTE: MARRIAGE RATE OF BRIDE PER 1,000 FEMALE POPULATION FOR EACH AGE GROUP.
MARRIAGE RATE OF GROOM PER 1,000 MALE POPULATION FOR EACH AGE GROUP.

TABLE E-4
PRIOR MARRIAGES BY AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1989

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,587	63,540	20,507	3,027	453	60
UNDER 15	11	11	0	0	0	0
15-19	5,742	5,718	23	0	0	1
20-24	28,904	27,680	1,199	18	1	6
25-29	24,697	20,240	4,237	198	7	15
30-34	12,318	6,660	4,999	579	67	13
35-39	6,573	2,051	3,685	710	120	7
40-44	3,862	616	2,515	619	106	6
45-49	2,245	233	1,570	375	63	4
50 & OVER	3,122	248	2,257	520	89	8
UNKNOWN	113	83	22	8	0	0

TABLE E-5
PRIOR MARRIAGES BY AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1989

AGE OF GROOM (IN YEARS)	ALL MARRIAGES	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,587	62,959	21,043	3,118	410	57
15-19	1,924	1,923	1	0	0	0
20-24	21,211	20,769	437	4	0	1
25-29	28,201	25,315	2,771	107	3	5
30-34	14,991	9,960	4,643	363	15	10
35-39	7,970	3,177	4,072	653	60	8
40-44	4,915	981	3,125	695	104	10
45-49	2,946	342	2,043	472	80	9
50 & OVER	5,315	414	3,921	821	146	13
UNKNOWN	114	78	30	3	2	1

TABLE E-6
PREVIOUS MARITAL STATUS BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1989

AGE GROUP (IN YEARS)	ALL MARRIAGES*		NEVER MARRIED		WIDOWED		DIVORCED	
	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS
ALL AGES	87,587	87,587	63,540	62,959	2,488	2,498	21,417	21,988
UNDER 20	5,753	1,924	5,729	1,923	0	0	23	1
20-24	28,904	21,211	27,680	20,769	17	1	1,200	439
25-29	24,697	28,201	20,240	25,315	89	33	4,340	2,838
30-34	12,318	14,991	6,660	9,960	167	62	5,458	4,930
35-39	6,573	7,970	2,051	3,177	210	110	4,281	4,666
40-44	3,862	4,915	616	981	256	113	2,978	3,799
45-49	2,245	2,946	233	342	273	179	1,728	2,405
50-59	1,733	2,863	151	234	484	495	1,088	2,121
60-69	994	1,632	73	143	661	809	255	671
70+	395	820	24	37	330	690	38	89
UNKNOWN	113	114	83	78	1	6	28	29

* TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE E-7
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1989

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)										
		UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-59	60-69	70+	UN-KNOWN
ALL AGES	87,587	5,753	28,904	24,697	12,318	6,573	3,862	2,245	1,733	994	395	113
UNDER 20	1,924	1,302	551	52	9	5	1	0	0	0	0	4
20-24	21,211	3,581	14,425	2,574	449	121	30	4	2	0	0	25
25-29	28,201	689	10,809	13,047	2,760	675	158	26	5	1	0	31
30-34	14,991	123	2,324	6,122	4,512	1,405	386	86	14	2	1	16
35-39	7,970	30	553	1,904	2,708	1,857	702	164	37	1	0	14
40-44	4,915	9	145	684	1,194	1,399	1,025	365	88	3	0	3
45-49	2,946	6	55	194	425	661	811	569	205	15	2	3
50-59	2,863	1	20	80	210	370	610	744	730	88	5	5
60-69	1,632	0	2	14	29	65	108	254	551	535	74	0
70+	820	1	0	1	4	10	22	28	97	345	312	0
UNKNOWN	114	11	20	25	18	5	9	5	4	4	1	12

TABLE E-8
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1989

	BRIDE		GROOM	
RESIDENCE	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS*	87,587	100.0	87,587	100.0
PENNSYLVANIA	81,582	93.1	78,710	89.9
ALL OTHER STATES	5,932	6.8	8,748	10.0
TERRITORIES AND POSSESSIONS	4	0.0	6	0.0
FOREIGN COUNTRIES	65	0.1	113	0.1

* UNKNOWN RESIDENCE INCLUDED IN "ALL AREAS" TOTAL.

TABLE E-9
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1989

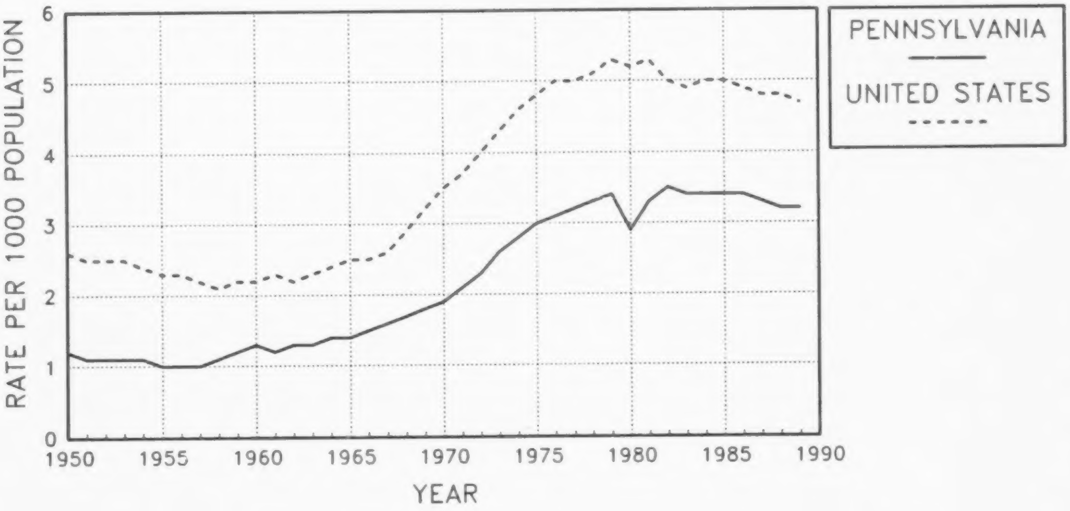
MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	87,587	100.0
JANUARY	2,872	3.3
FEBRUARY	3,764	4.3
MARCH	4,040	4.6
APRIL	7,362	8.4
MAY	9,671	11.0
JUNE	10,527	12.0
JULY	8,179	9.3
AUGUST	8,282	9.5
SEPTEMBER	11,682	13.3
OCTOBER	9,498	10.8
NOVEMBER	6,331	7.2
DECEMBER	5,379	6.1

TABLE E-10
DIVORCES AND ANNULMENTS, NUMBER AND RATE*: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1989

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1989	38,373	3.2	1,163,000**	4.7	1969	21,580	1.8	639,000	3.2
1988	39,001	3.2	1,183,000**	4.8	1968	20,326	1.7	584,000	2.9
1987	38,837	3.3	1,166,000	4.8	1967	18,668	1.6	523,000	2.6
1986	39,875	3.4	1,178,000	4.9	1966	16,940	1.5	499,000	2.5
1985	40,153	3.4	1,190,000	5.0	1965	16,578	1.4	479,000	2.5
1984	40,375	3.4	1,169,000	5.0	1964	16,139	1.4	450,000	2.4
1983	40,150	3.4	1,158,000	4.9	1963	14,789	1.3	428,000	2.3
1982	41,280	3.5	1,170,000	5.0	1962	14,316	1.3	413,000	2.2
1981	38,842	3.3	1,213,000	5.3	1961	13,606	1.2	414,000	2.3
1980	34,922	2.9	1,189,000	5.2	1960	14,429	1.3	393,000	2.2
1979	39,808	3.4	1,181,000	5.3	1959	13,891	1.2	395,000	2.2
1978	38,261	3.3	1,130,000	5.1	1958	12,243	1.1	368,000	2.1
1977	37,868	3.2	1,091,000	5.0	1957	11,651	1.0	381,000	2.2
1976	36,531	3.1	1,083,000	5.0	1956	11,480	1.0	382,000	2.3
1975	34,955	3.0	1,036,000	4.8	1955	11,103	1.0	377,000	2.3
1974	32,899	2.8	977,000	4.6	1954	11,711	1.1	379,000	2.4
1973	31,005	2.6	915,000	4.3	1953	12,121	1.1	390,000	2.5
1972	27,501	2.3	845,000	4.0	1952	11,905	1.1	392,000	2.5
1971	25,110	2.1	773,000	3.7	1951	11,743	1.1	381,000	2.5
1970	22,622	1.9	708,000	3.5	1950	12,096	1.2	385,144	2.6

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE E-3
DIVORCE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1989



NOTE: ANNULMENTS ARE INCLUDED IN DIVORCE RATES.

TABLE E-11
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1989

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	38,373	100.0			
UNDER 1	155	0.4	13	1,126	2.9
			14	1,126	2.9
1	1,121	2.9	15	1,041	2.7
2	2,063	5.4	16	986	2.6
3	2,556	6.7			
4	2,765	7.2	17	941	2.5
			18	881	2.3
5	2,670	7.0	19	807	2.1
6	2,521	6.6	20-24	3,094	8.1
7	2,329	6.1			
8	1,998	5.2	25-29	1,635	4.3
			30-34	921	2.4
9	1,981	5.2	35-39	443	1.2
10	1,678	4.4	OVER 39	335	0.9
11	1,463	3.8			
12	1,240	3.2	NOT STATED	497	1.3

FIGURE E-4
DIVORCES AND ANNULMENTS, PERCENT BY DURATION OF MARRIAGE
PENNSYLVANIA OCCURRENCES, 1989

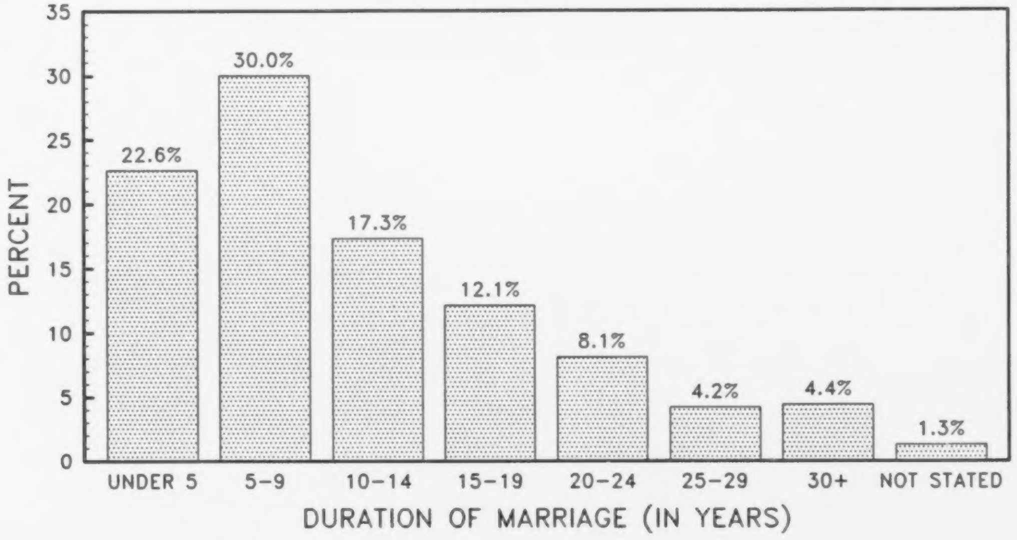


TABLE E-12
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE
NUMBER AND RATE*: PENNSYLVANIA, 1989

	MARRIAGES		DIVORCES	
COUNTY	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES**	87,587	7.3	38,373	3.2
ADAMS	510	6.8	278	3.7
ALLEGHENY	9,450	7.0	3,754	2.8
ARMSTRONG	605	7.8	222	2.9
BEAVER	1,069	5.6	560	2.9
BEDFORD	310	6.5	163	3.4
BERKS	2,419	7.3	1,172	3.5
BLAIR	906	6.8	451	3.4
BRADFORD	534	8.3	261	4.0
BUCKS	4,173	7.7	1,623	3.0
BUTLER	1,063	6.9	481	3.1
CAMBRIA	1,175	6.9	380	2.2
CAMERON	20	3.1	1,583	246.7
CARBON	462	8.2	195	3.4
CENTRE	900	7.8	322	2.8
CHESTER	2,473	6.7	1,063	2.9
CLARION	340	8.2	96	2.3
CLEARFIELD	600	7.4	278	3.4
CLINTON	293	7.6	126	3.3
COLUMBIA	553	9.0	197	3.2
CRAWFORD	649	7.6	305	3.6
CUMBERLAND	1,644	8.4	761	3.9
DAUPHIN	1,897	7.8	791	3.3
DELAWARE	4,745	8.5	1,290	2.3
ELK	270	7.4	112	3.1
ERIE	2,241	8.1	1,131	4.1
FAYETTE	1,060	7.1	498	3.3
FOREST	49	10.2	9	1.9
FRANKLIN	761	6.3	483	4.0
FULTON	103	7.2	61	4.3
GREENE	274	7.0	109	2.8
HUNTINGDON	320	7.5	132	3.1
INDIANA	538	5.9	201	2.2
JEFFERSON	432	9.1	177	3.7
JUNIATA	192	9.4	62	3.0
LACKAWANNA	1,575	7.1	598	2.7
LANCASTER	3,116	7.4	1,331	3.2
LAWRENCE	1,017	10.1	352	3.5
LEBANON	850	7.4	419	3.6
LEHIGH	2,210	7.6	958	3.3
LUZERNE	2,267	6.8	921	2.8
LYCOMING	1,041	8.7	492	4.1
MCKEAN	354	7.8	147	3.2
MERCER	1,035	8.5	403	3.3
MIFFLIN	379	8.1	139	3.0
MONROE	950	9.8	277	2.8
MONTGOMERY	5,740	8.3	1,737	2.5
MONTOUR	115	7.0	71	4.3
NORTHAMPTON	1,916	7.7	788	3.2
NORTHUMBERLAND	754	7.6	366	3.7
PERRY	296	7.3	175	4.3
PHILADELPHIA	9,607	5.8	4,776	2.9
PIKE	195	6.8	69	2.4
POTTER	146	8.3	63	3.6
SCHUYLKILL	1,088	7.0	495	3.2
SNYDER	300	8.3	109	3.0
SOMERSET	509	6.3	246	3.1
SULLIVAN	44	6.8	14	2.2
SUSQUEHANNA	307	7.5	165	4.0
TIOGA	360	8.8	174	4.3
UNION	291	8.2	130	3.7
VENANGO	437	7.2	196	3.2
WARREN	376	8.3	50	1.1
WASHINGTON	1,414	6.8	668	3.2
WAYNE	390	9.4	162	3.9
WESTMORELAND	2,776	7.3	1,121	3.0
WYOMING	198	7.0	88	3.1
YORK	2,436	7.2	1,334	3.9

* RATE PER 1,000 ESTIMATED 1989 POPULATION FOR EACH SPECIFIED COUNTY.

** UNKNOWN COUNTY OF OCCURRENCE INCLUDED IN "ALL COUNTIES" TOTAL.

TECHNICAL NOTES

TECHNICAL NOTES

A. SOURCES OF DATA

1. Births, Deaths, and Fetal Deaths:

Birth, death, and fetal death certificates are the source documents for data on vital events to Pennsylvania residents during the 1989 calendar year. A copy of each of these types of certificates is included as Figures I, II and III.

The cut-off date for 1989 data in this report was March 1, 1990. Any data pertaining to a 1989 event for which a certificate was filed after March 1, 1990, are not included in this report. It is possible that data obtained from the State Health Data Center may differ slightly from that which appear in this report. If this should occur, it is due to an update to the 1989 data year which was made after the March 1 deadline for this report.

Births and deaths relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians and funeral directors. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

2. Induced Abortions:

Information contained in this report on induced terminations of pregnancy or abortions were obtained from the source document, *Report of Induced Termination of Pregnancy* (see Figure IV), as required to be completed and submitted by all facilities registered to perform such procedures in the Commonwealth according to the Abortion Control Act of 1982, as amended.

Induced abortions relating to Pennsylvania residents which occurred in another state are not included in this report. There is no interstate agreement among all of the registration areas in the United States for resident exchange of such information. Collection of induced abortion data varies widely from state to state. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

3. Marriages and Divorces:

Each of the 67 counties in Pennsylvania is responsible for collecting, processing, and maintaining marriage and divorce records. Copies of these records are forwarded to the Department of Health only for the purpose of data processing selected items in order to report aggregate statistics as contained in this report. The cut-off date for 1989 data in this report was March 1, 1990. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

4. Population Estimates:

The estimates of state and county populations used in this report are based on the estimates of the July 1, 1989 population which were produced jointly by the Census Bureau and the State Data Center of the Pennsylvania State University at Harrisburg under the Federal-State Cooperative Program for Local Population Estimates. The estimates will be published by the Bureau of the Census in *Current Population Reports, Series P-26*. They were generated by a combination of a component procedure which uses administrative records and a regression method. Because the state and county totals were used as controls for age by sex by race detail, they differ from the published numbers by a rounding error.

The estimates of state and county total populations for earlier years have been revised by the Census Bureau from time to time. Those used in the computation of multiple year summary rates are the most recent available at the print date for this publication. However, the tabulation of historical populations printed in this publication preserves the total populations used in earlier publications.

The estimates of population by age, sex and race used in this report are based upon the population counted in the 1980 census, as released on a computer tape having race categories consistent with those mandated by the U.S. Office of Management and Budget. These counts were survived to the July 1, 1989 date, using Pennsylvania resident birth and death records adjusted for net migration, for group quarters populations and for agreement with medicare enrollments and controlled to the county total.

B. DATA QUALITY

1. Query and Field Programs:

The quality of birth and death data presented in this report is directly related to the completeness and accuracy of the information contained on certificates. The State Health Data Center works to ensure that the information received is as complete and accurate as possible and maintains two major program operations for improving the quality of information received on birth and death certificates - the query and field programs.

The query program is a system used to follow-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and a computer editing procedure.

The field program attempts to improve birth, death and fetal death certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above.

In addition to regularly scheduled seminars, the field representatives make site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on birth and death certificates. A 0.4 percent sample of birth records and a 0.5 percent sample of death records coded and submitted monthly by the state are used as a quality control mechanism by NCHS. The National Center for Health Statistics codes these sample records independently and then conducts an item-by-item computer match of codes entered by the state and the National Center. NCHS has established a two percent upper limit for coding difference involving any one data item of these sample records, with the exception of cause of death. A five percent limit is established for that item due to the complexity of the cause of death coding process.

2. Fetal Deaths:

In terms of the completeness of the data collected, the reporting of deaths and live births is considered to be nearly complete (99 percent or greater). However, in Pennsylvania, fetal deaths under sixteen weeks gestation are not required to be reported.

According to a recent study* of the estimated number of total pregnancies for the United States, prepared by NCHS, the percentage distribution of live births, fetal deaths and induced abortions is as indicated in the following chart. The percentage distribution of Pennsylvania's reported pregnancies is also shown for comparison.

	U.S. Estimated Total Pregnancies 1983	Pennsylvania Reported Pregnancies 1989
Live Births	60.9%	77.0%
Fetal Deaths	12.7%	0.9%
Induced Abortions	26.4%	22.1%

It is apparent that there are a very large number of fetal deaths (probably in excess of 90 percent) not reported or included in this publication, mainly due to the exclusion of those under sixteen weeks gestation. Also, there may be serious underreporting at about sixteen weeks gestation and a smaller undercount at later gestational ages.

3. Congenital Anomalies/Birth Defects:

When reviewing statistics on congenital anomalies reported at birth in this publication, please note that historical and recent studies have verified the underreporting of congenital anomalies on birth certificates, especially among defects that are not easily diagnosed at the time of birth.

Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-85*; Ventura, Taffel and Mosher; **American Journal of Public Health, May 1988, Vol. 78 No. 5, pp. 506-511.

According to recent information collected by the Birth Defects Branch of the Centers for Disease Control, approximately 3.0 percent of all live births result in the occurrence of a congenital anomaly. In Pennsylvania during 1989, 2.2 percent of all resident live births had a congenital anomaly or birth defect reported on the certificate of live birth. In previous years, the percentage of births reported as having a congenital anomaly involved was usually below 1.0. However, the certificate revision in 1989 included a checklist section for reporting congenital anomalies, in place of a write-in entry item. This change has probably resulted in more complete reporting than in previous years.

C. GEOGRAPHY

1. Allocation:

In Pennsylvania's registration program, vital events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of death or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are to be classified to the residence of the mother.

While occurrence figures are accurate and have both administrative value and some statistical significance, residence data are by far more useful in determining health indices for planning and evaluation purposes. The natality and mortality statistics in this report are residence data; however, the marriage and divorce statistics are occurrence data and the induced abortion data include both types of allocation. Marriage and divorce statistics are reported as occurrence data because two separate residences are usually involved in a marriage and a divorce and there are no accepted, standard procedures for determining residency in such events. Statewide induced abortion statistics for the years 1975-1988 are available as occurrence data only. This is due to the fact that the source document (*Induced Abortions: Quarterly Report*) used to collect that information from 1975 through September, 1988 requested aggregated quarterly occurrence data. Therefore, both occurrence and residence data are presented for statewide abortion data.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it may be impossible to allocate the event to a specific township or the correct minor civil division if this information is not supplied. How often incorrect information on residence is reported is not known, but it is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant. This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are usually very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

2. Criteria for Municipality Selection:

Tables A-5, B-26, B-27, B-28, B-29, B-30, B-31, C-31, C-32, C-33, C-34 and C-35 show statistics for selected municipalities. These municipalities include cities or boroughs with a 1980 enumerated population of 25,000 or more. Sharon, which had a 1980 population of 19,057, was also included due to its designation in 1980 as an SMSA (Standard Metropolitan Statistical Area). Philadelphia is a city/county and has been included in both county and municipality tables for the user's convenience.

D. DEFINITIONS OF TERMS

1. Natality:

APGAR SCORE - Named after Virginia Apgar, M.D., the Apgar Score is an international code for the clinical evaluation of an infant one minute and five minutes after birth. A score of 0, 1 or 2 is assigned to each of the following objective signs - heart rate, respiratory effort, muscle tone, reflex irritability and color. Thus, the total Apgar Score ranges from a low of 0 to a high of 10. In general, a score of 8-10 is considered satisfactory, 4-7 indicates a need for careful observation and possible concern since the infant is moderately depressed and 0-3 serves as an alert for possible emergency procedures and raises some doubts about survival since the infant is severely depressed.

BIRTH WEIGHT - The first weight of the fetus or newborn obtained after birth. This weight should be measured preferably within the first hour of delivery, before significant postnatal weight loss has occurred.

LOW BIRTH WEIGHT - A birth weight under 2500 grams or 5 pounds, 9 ounces.

VERY LOW BIRTH WEIGHT - A birth weight under 1500 grams or 3 pounds, 5 ounces.

LIVE BIRTH - According to Pennsylvania law, is the expulsion or extraction from its mother of a product of conception, irrespective of the period of gestation, which shows any evidence of life at any moment after such expulsion or extraction.

LIVE BIRTH ORDER - An expression used to indicate the numeric relationship of a child to others live-born to that mother.

2. Mortality:

CAUSE OF DEATH - Deaths by cause, are classified according to the International Classification of Diseases of the World Health Organization. In this report, the underlying cause of death is used to classify the cause. The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

FETAL DEATH - Defined by law in Pennsylvania as the expulsion or extraction from its mother of a product of conception after 16 weeks gestation, which shows no evidence of life after such expulsion or extraction.

INFANT DEATH - Death of an infant under 1 year of age.

NEONATAL DEATH - An infant death occurring within the first 27 days of life.

POSTNEONATAL DEATH - An infant death occurring at one month (28 days) to 364 days of age.

MATERNAL DEATH - The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

MEDIAN AGE - The age that falls exactly in the middle of the entire range of ages ranked in order from low to high such that 50% of the ages fall above it and 50% fall below it. If the number of ages is even, a value halfway between the two ages nearest the middle is used.

3. Induced Abortions:

INDUCED ABORTION - An induced abortion or induced termination of pregnancy is the purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus and which does not result in a live birth.

4. Geographic Allocation:

RESIDENT DATA - Data compiled as to the usual residence without regard to the geographical place where the event occurred. For births, fetal deaths and infant deaths (in cases where the infant was never discharged from the hospital), the mother's usual residence is used as the place of residence.

OCCURRENCE DATA - Data compiled as to the geographical place the event occurred without regard to the actual residence.

5. Birth Weight in Grams:

In order to provide data comparable to that published for the United States and other countries, birth weight is reported in grams. However, not all facilities in Pennsylvania record birth weight in grams and, in order to collect complete data, providers are given the opportunity to report either pounds and ounces or grams on the Pennsylvania live birth certificate.

In tabulating and presenting the natality statistics for this report, birth weights reported in pounds and ounces are converted to grams. The equivalents of the gram intervals in pounds and ounces are as follows:

GRAMS		LBS. and OZS.
499 grams or less	=	1 lb. 1 oz. or less
500 - 999 grams	=	1 lb. 2 ozs. - 2 lbs. 3 ozs.
1,000 - 1,499 grams	=	2 lbs. 4 ozs. - 3 lbs. 4 ozs.
1,500 - 1,999 grams	=	3 lbs. 5 ozs. - 4 lbs. 6 ozs.
2,000 - 2,499 grams	=	4 lbs. 7 ozs. - 5 lbs. 8 ozs.
2,500 - 2,999 grams	=	5 lbs. 9 ozs. - 6 lbs. 9 ozs.
3,000 - 3,499 grams	=	6 lbs. 10 ozs. - 7 lbs. 11 ozs.
3,500 - 3,999 grams	=	7 lbs. 12 ozs. - 8 lbs. 12 ozs.
4,000 - 4,499 grams	=	8 lbs. 13 ozs. - 9 lbs. 14 ozs.
4,500 - 4,999 grams	=	9 lbs. 15 ozs. - 11 lbs. 0 ozs.
5,000 grams or more	=	11 lbs. 1 oz. or more

E. RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, i.e., a rate, a ratio or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specific time. All of the rates defined on the following page are computed for a period covering one year except for the average annual rates.

1. Definitions of Rates:

CRUDE BIRTH RATE: Number of live births per 1,000 population.

AGE-SPECIFIC BIRTH RATE: Number of live births to mothers in a specified age group per 1,000 females in the same age group.

GENERAL FERTILITY RATE: Number of live births per 1,000 females in the population 15-44 years old.

FETAL DEATH RATE: Fetal deaths of over 16 weeks gestation per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

NEONATAL DEATH RATE: Number of infants dying under 28 days of age per 1,000 live births.

POSTNEONATAL DEATH RATE: Number of infants dying at 28 to 364 days of age per 1,000 live births.

INFANT DEATH RATE: Deaths under one year of age per 1,000 live births.

CRUDE DEATH RATE: Number of deaths per 1,000 population.

AGE-SPECIFIC DEATH RATE: Number of deaths for a specified age group per 1,000 population in the same age group.

RACE-SPECIFIC DEATH RATE: Number of deaths for a specified racial group per 1,000 population in the same racial group.

AGE-ADJUSTED DEATH RATE (Direct Method): Age-specific death rates for a selected population are applied to a standard population in order to calculate what rate **would be expected** if the selected population had the same age distribution as the standard. The total of **expected** deaths divided by the total of the standard population and multiplied by 1,000 (or 100,000 for cause-specific rates) yields the age-adjusted death rate per 1,000 or 100,000. (It is important to use the same standard population in the computation of each age-adjusted rate to achieve comparability. Age-adjusted death rates should never be compared with any other type of death rate or be used as absolute measurements of mortality.)

CAUSE-SPECIFIC DEATH RATE: Number of deaths from a specific cause per 100,000 population.

MATERNAL DEATH RATE: Number of deaths from complications of pregnancy, childbirth and the puerperium per 10,000 live births.

TOTAL FERTILITY RATE: The sum of the age-specific birth rates of women in five-year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time. The total fertility rate or TFR can be used as an estimate of the fertility growth factor in a population, e.g. whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least two children to replace themselves. When the TFR exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age if all other factors affecting the population, such as death rates and migration, remain constant. Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level. The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates and migration patterns. In fact, it would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

AVERAGE ANNUAL RATE: The total number of vital events (births, deaths, etc.) that took place over a specified multiple year period per 1,000 total population for the same time period. See Section A.4 for further discussion of population estimates used to compute the average annual rates that appear in this report.

2. Reliability of Rates:

Precautions should always be taken when comparing any rates based on vital events and population, especially crude rates. Both the size of the numbers and the characteristics of the population are important indicators of a rate's real value.

All statistics are subject to chance variation. Rates based on an unusually small or large number of events over a specified period of time or for a sparsely populated geographic area should be of particular concern and caution.

For example, there were only three infant deaths reported in 1989 for residents of Cameron County, one of the least populated counties in the state. However, those three infant deaths were enough to give Cameron County an infant death rate of 34.1 per 1,000 resident live births in 1989 and the distinction of having, by far, the highest infant death rate that year in the state among all counties. This is the chance result of three deaths having enormous significance when statistically applied to the small amount of births to the few residents of that county. Any statement regarding the unusually high infant death rate in Cameron County could be quite misleading. When small events or populations are evident in calculating/reviewing rates, multiple year rates (usually five or ten-year average annual rates) will sometimes provide a much better perspective or measurement of an outcome. For instance, if you calculate an average annual infant death rate for Cameron County covering the five-year period of 1985-1989, you will get a rate of 10.8, a considerably lower and more accurate measurement of the recent infant mortality experience in that county. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Cameron County's infant death rate.

An average annual rate based on multiple year data may also help substantiate what you at first considered an artifically high or low incidence for one year. Consider the 1989 divorce rate of 1.1 per 1,000 population in Warren County, the lowest rate in the state. The state rate was 3.2. An average annual divorce rate for the years 1985-1989 for Warren County was also low at 1.7. In 1989, another rural county, Cameron, had an incredible divorce rate of 246.7. An average annual (1985-89) divorce rate for Cameron gives you the even higher figure of 488.3. What do these widely varied rates mean? Are residents of Cameron County about 300 times more likely to get a divorce than residents of Warren County? No, of course not; the problem here is that divorce (and marriage) statistics are occurrence data, i.e., the rates are computed by dividing the number of divorces (or marriages) **occurring** in the county by the population **residing** in the county. Before one could reach any conclusions, you would have to investigate local factors that could influence the number of marriages and divorces occurring in a county.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race are not accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus with over 35,000 students is located in this rural county, the median age is usually the lowest in the state; so is the crude death rate. However, rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County usually appears closer to the middle of these rates. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, again there are limitations to their use and one should be very familiar with these rates before attempting their use.

F. SELECTED CAUSES OF DEATH

In Tables C-8, C-9, C-10A thru C-10E, C-11A thru C-11E, C-12, C-27, C-30 and C-35, various causes of deaths are indicated. These selected causes of death and the corresponding ICD-9 cause of death codes are listed in the following table. The more specific causes for heart disease and malignant neoplasms that appear in Tables C-30 and C-35 are defined by ICD-9 codes in footnotes following Tables C-16B and C-17C.

Please note that *Chronic Obstructive Pulmonary Disease* appears as a relatively new category. Medical certifiers have been using the term more often on certificates since the 1970's. The National Center for Health Statistics and many states have incorporated this category into their mortality reports for several years now. Therefore, for comparability reasons alone, it is important to include this category among leading causes of death. The category includes bronchitis, emphysema, asthma and allied conditions. Please note, however, that due to International Classification of Disease revisions used for coding causes of death, data on this new category are not comparably available prior to 1979, when the last revision occurred. Also, the category, *Cerebrovascular Disease*, was named *Vascular Lesions Affecting Central Nervous System* prior to 1968.

Also note that HIV (Human Immunodeficiency Virus) Infection is a relatively new category, appearing for the first time in 1987. Prior to 1987, there were no ICD-9 cause of death codes specifically assigned to this condition.

CAUSE OF DEATH	ICD-9 CODE(S):
Heart Disease	390-398,402 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Unintentional Injuries	E800-E807, E810-E949
Motor Vehicle	E810-E825
Non-Motor Vehicle	E800-E807, E826-E949
Chronic Obstructive Pulmonary Disease	490-496
Pneumonia and Influenza	480-487
Diabetes Mellitus	250
Septicemia	038
Nephritis, Nephrosis	580-589
Suicide	E950-E959
Liver Disease and Cirrhosis	571
Atherosclerosis	440
Aortic Aneurysm	441
Perinatal Conditions	760-779
Homicide and Legal Intervention	E960-E978
Congenital Anomalies	740-759
Pneumoconiosis	500-505
HIV Infection	042-044
Hypertension	401, 403
Benign and Unspecified Neoplasm	210-239
Parkinson's Disease	332
Hernia and Intestinal Obstruction	550-553,560
Ulcers of Stomach and Duodenum	531-533
Anemias	280-285
Nutritional Deficiencies	260-269
Gall Bladder Disorders	574-575
Alcoholism	303
Disease of Pancreas	577
Multiple Sclerosis	340
Epilepsy	345
Venous Embolism and Thrombosis	451-453
Tuberculosis	010-018
Meningitis	320-322
Infections of Kidney	590

G. MULTIPLE CAUSES OF DEATH

Traditionally, aggregate mortality statistics have been based on a tabulation of deaths, with one underlying cause assigned for each death. However, the medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause and any other significant conditions contributing to death that are not related to any previously stated causes on the certificate (see Figure II). In the last few years, an ever increasing demand for more comprehensive mortality data coupled with advances in computer technology resulted in the development of the Automated Classification of Medical Entities (ACME) system by the National Center for Health Statistics.

The principal objective of this system is to provide full medical information from death certificates by assigning the traditional underlying cause as well as tabulating multiple causes from all medical conditions listed on the certificates by the certifier, through automated application of the internationally recognized classification of diseases. The result is multiple cause data made available on computer tape by means of a system of computer programs furnished by the National Center for Health Statistics. Pennsylvania has such a system and the State Health Data Center has begun accessing these files and producing some very interesting and, potentially, more valuable nosologic information.

The multiple causes of death information are coded on computer tapes in two formats, record axis and entity axis. Entity codes identify the conditions causing or contributing to death, together with their position as they were entered in the cause of death section of the death certificate. Record axis codes, on the other hand, reflect the application of a uniform set of rules to the entity codes, to eliminate redundancies and internal inconsistencies and to substitute the preferred codes for a given combination of conditions. Use of the entity codes is necessary to study the temporal and causal relationships among the conditions associated with a given set of deaths. Use of the record axis codes, however, is necessary if the conditions associated with death are to be aggregated and tabulated on a uniform basis. Please contact the State Health Data Center if you are interested in more information about multiple causes of death statistics.

APPENDIX A

VITAL RECORDS REGISTRATION IN PENNSYLVANIA

Record	Persons Responsible For Completing Records	Persons Responsible For Filing Record With Local Registrar	Persons Responsible For Transmitting Records to State
Certificate of Live Birth	Attending physician or licensed midwife (or designated person for unattended births)	Attending physician or licensed midwife (or designated person for unattended births)	Local Registrar
Certificate of Fetal Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Certificate of Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Marriage Record	Clerk of Orphans' Court of any county (transcription of marriage license application)	Not Applicable	Clerk of Orphans' Court
Record of Divorce or Annulment	Prothonotary or Clerk of Orphans' Court	Not Applicable	Prothonotary or Clerk of Orphans' Court
Report of Induced Termination of Pregnancy	Facility registered with Department of Health to perform induced abortions	Not Applicable	Facility registered with Department of Health to perform induced abortions

Source: For complete information, see Vital Statistics Law of 1953, Act of the General Assembly No. 66, Commonwealth of Pennsylvania, June 29, 1953, and Abortion Control Act of 1982, as amended by Act 31 of 1988, No. 138.

APPENDIX B

ADDITIONAL STATISTICS AVAILABLE

The vital statistics data presented in this report are only a part of the information collected via the birth, death and fetal death certificates (see Figures I, II and III) and marriage and divorce records.

The State Health Data Center maintains current and historical, annual and multiple year tabulations (in most cases, back to 1960) in different formats and using other variables from vital records that are not contained in this report. Copies of these tabulations can be obtained by contacting the Center. However, many of these cross-tabulations are quite lengthy and there may be a charge involved, especially if several years of information are requested. The Center can also produce, for a fee, special computer-generated output to the user's specifications.

The following is a list of the cross-tabulations readily available by type of record. Unless otherwise specified, annual tabulations are available in the same format for every year back to 1960. Multiple year tabulations are available for the years 1979 through 1989. Annual tabulations of live births from 1960 to 1988 are by race of child. However, due to a recent change in the standard for reporting race for birth statistics, race of mother appears in annual tabulations starting with 1989 data. Multiple year tabulations of birth data from 1979 to 1989 are by race of mother.

ANNUAL TABULATIONS

Live Births:

First Name Occurrence by Sex (1977-1989)
Resident Births by Single Age of Mother by County (1974-1989) and Minor Civil Division (1984-1989)
Resident Births by Age and Race of Mother and Sex of Child by County and Minor Civil Division
Resident Births by Age of Mother and Birth Weight by County (1984-1989)
Resident Births by Age of Mother and Trimester of Entry into Prenatal Care by County (1979-1989)
Resident Births by Age of Mother and Medical Conditions at Birth by County
Resident Births by Age of Mother and Number of Previous Live Births by County
Resident Births by Month by County and Minor Civil Division
Resident Births by Sex of Child and Race of Mother by County and Minor Civil Division
Resident Births by Birth Weight and Sex of Child and Race of Mother by County
Resident Births by Marital Status and Age of Mother by County and Minor Civil Division
Resident Births by Method of Delivery by County
Resident Births by Plurality by County
Resident Births by Number of Previous Pregnancies by County (1985-1989)
Resident Births by Age, Race and Hispanic Origin of Mother and Sex of Child (1989)
Resident Births by Birth Weight and Sex of Child and Age, Race and Hispanic Origin of Mother (1989)
Resident Births by Sex of Child and Trimester of Entry into Prenatal Care, Age, Race and Hispanic Origin of Mother (1989)

Deaths:

Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Month by County and Minor Civil Division
Resident Deaths by 4-digit ICD Cause of Death Code, Age, Sex and Race by County
Selected Causes of Death by Age, Sex and Race by County and Minor Civil Division
Selected Causes of Death by Age, Sex, Race and Hispanic Origin (1989)
Resident Cancer Deaths by Type and Sex by County (1984-1989)
Resident Cancer Deaths by Type by County and Minor Civil Division (1984-1989)
Resident Suicide Deaths by Age, Sex and Race by County (1980-1989)
Resident Deaths by Autopsy Status by County
Resident Deaths by Method of Disposition by County and Minor Civil Division
Resident Deaths by Age and Years of Education by County (1989)
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Infant Deaths by Month by County and Minor Civil Division
Resident Infant Deaths by 4-digit Cause of Death Code by Age, Sex and Race by County
Resident Infant Deaths by Age, Sex, Race and Hispanic Origin (1989)
Resident Neonatal Deaths by Month by County and Minor Civil Division

APPENDIX B (Continued)

ANNUAL TABULATIONS

Fetal Deaths:

Resident Fetal Deaths by Type and Month by County and Minor Civil Division
Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division

Marriages* (1974-1989):

Month of Marriage by County of Marriage
Marriages by the Age of Groom and Bride
Previous Marital Status by Race of Bride and Type of Ceremony
Previous Marital Status by Race of Groom and Type of Ceremony
Prior Marriages by Race and Age of the Bride
Prior Marriages by Race and Age of the Groom
Prior Marriages by State of Residence of the Bride
Prior Marriages by State of Residence of the Groom
Prior Marriages by Age of the Bride
Prior Marriages by Age of the Groom
Previous Marital Status by Race and Age of the Bride
Previous Marital Status by Race and Age of the Groom

Divorces* (1974-1989):

Divorces by Month by County of Occurrence
Divorces by Plaintiff and Party Granted Decree
Divorces by County of Occurrence
Divorces by Duration and Grounds
Divorces by Age of Husband and Number of Times Married
Divorces by Age of Wife and Number of Times Married
Divorces by Wife's Duration of First or Remarriage
Divorces by Husband's Duration of First or Remarriage
Divorces by State Where Marriage Was Performed
Number of Children and Custody by County of Divorce
Divorces by Legal Grounds

*All marriage and divorce data are by occurrence. Divorce data include both divorces and annulments.

MULTIPLE YEAR TABULATIONS (1979-1989)

Live Births:

Resident Births by Age and Race of Mother and Sex of Child by County
Resident Births by Sex, Race and Congenital Anomaly
Resident Births by Congenital Anomaly by Year
Resident Births by Sex and Race by Year by County
Resident Births by Sex and Race by County and Minor Civil Division
Resident Births by Age of Mother by Year by County
Resident Births by Congenital Anomaly by Year by County
Resident Births by Birth Weight, Sex and Race by County
Resident Births by Congenital Anomaly, Sex and Race by County
Resident Births by Birth Weight and Age of Mother by County
Resident Births by Age of Mother and Trimester of Entry Into Prenatal Care by County

Deaths:

Resident Deaths by Selected Causes by Age and Year
Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Selected Causes by Age, Sex and Race by County
Resident Deaths by Age by Year by County
Resident Deaths by Selected Causes and Age by Year by County
Resident Deaths by Age, Sex and Race by Year
Resident Infant Deaths by Age by Year by County
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division

Fetal Deaths:

Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division
Resident Fetal Deaths by Type and Month by County
Resident Fetal Deaths by Type and Age of Woman by Year by County
Resident Fetal Deaths by Type and Month by Year by County

NOTE: Minor Civil Division is city, borough or township. Data tables that list minor civil divisions are available only back to 1961, unless otherwise specified.

APPENDIX C

ERRATA: Revised Age-Adjusted Rates

Some of the age-adjusted death rates that appeared in previous editions of *Pennsylvania Vital Statistics* were incorrect. The correct age-adjusted rates by sex and race for the state for the years 1950-1988 appear in Tables C-5 and C-6 of this 1989 report and should be used in place of those previously published. The age-adjusted rates by sex and county that appeared in previous reports were also incorrect. Correct age-adjusted death rates by sex and county for 1987 and 1988 appear on the following pages and should be used in place of those previously published. We regret any inconvenience this may have caused.

AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1988

COUNTY	TOTAL	MALE**	FEMALE	COUNTY	TOTAL	MALE**	FEMALE
ALL COUNTIES	5.5	7.2	4.1				
ADAMS	5.2	6.3	4.3	JUNIATA	5.7	7.5	4.2
ALLEGHENY	5.6	7.3	4.3	LACKAWANNA	5.7	7.7	4.2
ARMSTRONG	5.4	6.9	4.2	LANCASTER	4.7	5.9	3.7
BEAVER	5.4	6.8	4.2	LAWRENCE	4.9	6.3	3.8
BEDFORD	5.3	7.3	3.6	LEBANON	5.3	6.9	4.0
BERKS	4.9	6.3	3.9	LEHIGH	4.9	6.6	3.6
BLAIR	5.7	8.0	4.0	LUZERNE	6.0	8.2	4.4
BRADFORD	4.7	5.9	3.6	LYCOMING	4.9	6.7	3.4
BUCKS	5.1	6.5	3.9	MCKEAN	5.5	7.1	4.1
BUTLER	5.1	6.6	3.8	MERCER	4.9	6.4	3.7
CAMBRIA	5.1	7.0	3.6	MIFFLIN	5.4	7.5	3.9
CAMERON	5.0	7.0	3.6	MONROE	5.2	6.5	4.0
CARBON	5.1	6.8	3.7	MONTGOMERY	4.5	5.7	3.5
CENTRE	4.5	5.3	3.6	MONTOUR	6.1	7.2	5.1
CHESTER	5.0	6.5	3.7	NORTHAMPTON	4.7	6.1	3.6
CLARION	5.0	6.6	3.8	NORTHUMBERLAND	5.3	7.3	3.7
CLEARFIELD	5.4	6.8	4.4	PERRY	5.4	6.9	4.2
CLINTON	5.4	7.2	3.9	PHILADELPHIA	7.3	10.0	5.3
COLUMBIA	5.6	7.5	4.1	PIKE	4.8	6.2	3.6
CRAWFORD	4.9	6.6	3.5	POTTER	5.4	6.9	4.0
CUMBERLAND	4.6	6.1	3.5	SCHUYLKILL	5.7	7.7	4.1
DAUPHIN	5.5	7.0	4.3	SNYDER	4.8	5.9	3.9
DELAWARE	5.4	7.0	4.2	SOMERSET	5.2	6.9	3.9
ELK	5.7	7.4	4.4	SULLIVAN	5.5	6.8	4.3
ERIE	5.4	7.0	4.1	SUSQUEHANNA	5.1	6.2	4.0
FAYETTE	5.8	8.0	4.1	TIOGA	5.1	6.6	3.8
FOREST	5.7	6.1	5.1	UNION	5.3	6.8	4.2
FRANKLIN	4.8	5.8	4.0	VENANGO	5.8	7.7	4.3
FULTON	5.4	7.2	3.9	WARREN	5.1	6.4	4.0
GREENE	5.4	7.1	4.0	WASHINGTON	5.4	7.2	4.0
HUNTINGDON	5.6	7.0	4.4	WAYNE	4.9	6.6	3.5
INDIANA	5.3	6.4	4.4	WESTMORELAND	4.9	6.3	3.8
JEFFERSON	5.5	6.8	4.4	WYOMING	5.1	6.4	3.9
				YORK	4.8	6.2	3.7

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* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATE PER 1,000 POPULATION.

**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1987

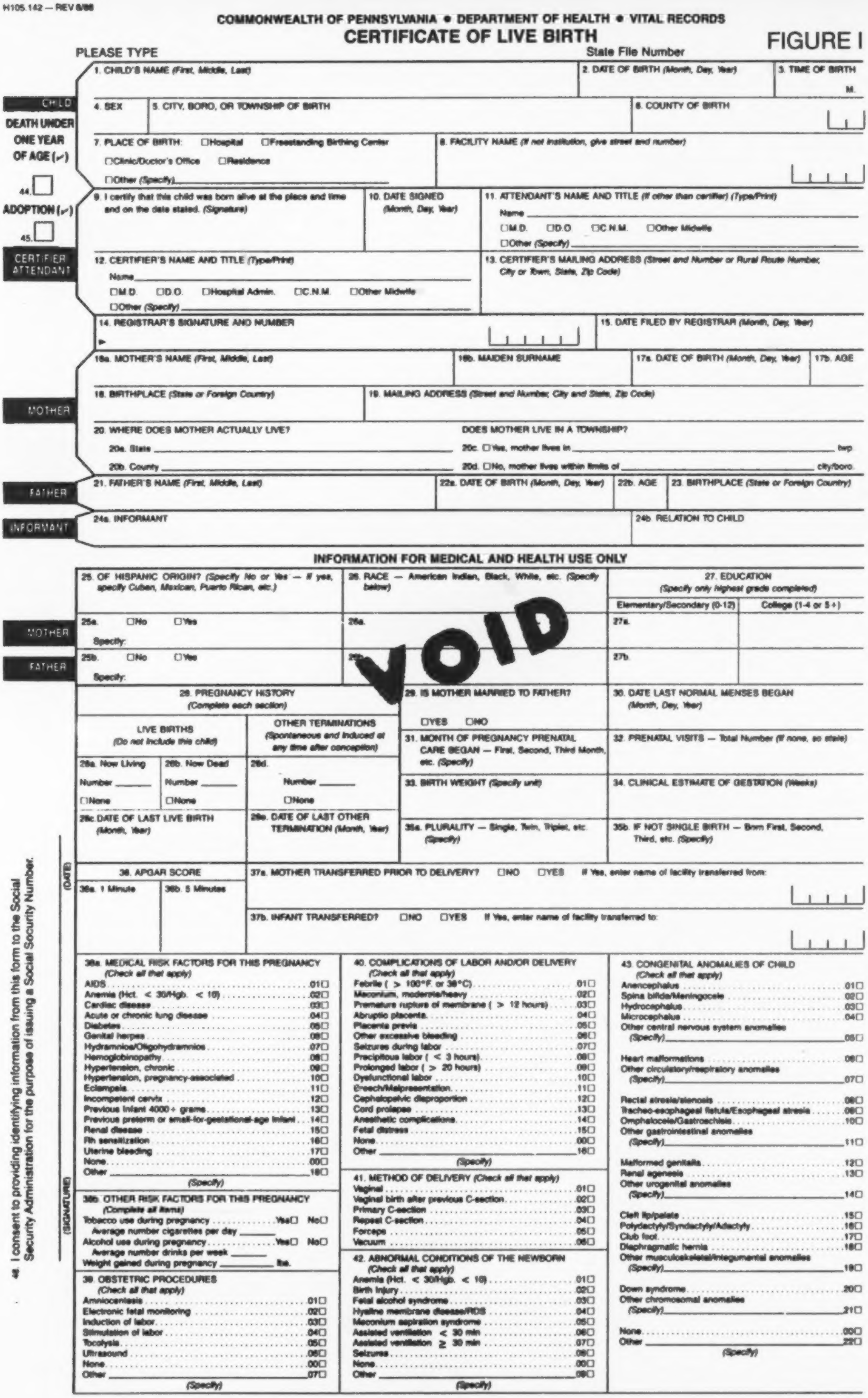
COUNTY	TOTAL	MALE**	FEMALE	COUNTY	TOTAL	MALE**	FEMALE
ALL COUNTIES	5.6	7.3	4.2				
ADAMS	5.5	7.0	4.3	JUNIATA	5.8	6.6	5.1
ALLEGHENY	5.6	7.3	4.2	LACKAWANNA	5.4	7.6	3.9
ARMSTRONG	5.1	6.4	3.9	LANCASTER	4.7	6.0	3.7
BEAVER	5.3	6.7	4.1	LAWRENCE	5.1	6.6	3.9
BEDFORD	5.3	6.8	4.1	LEBANON	5.4	7.3	4.0
BERKS	5.1	6.7	3.7	LEHIGH	5.1	7.0	3.7
BLAIR	5.9	7.7	4.5	LUZERNE	6.0	8.2	4.4
BRADFORD	5.1	6.7	3.7	LYCOMING	5.1	6.6	4.0
BUCKS	5.3	6.5	4.3	MCKEAN	5.2	6.6	4.1
BUTLER	5.5	7.1	4.3	MERCER	5.2	6.8	3.9
CAMBRIA	5.5	7.3	4.1	MIFFLIN	5.7	7.5	4.4
CAMERON	5.1	6.3	4.3	MONROE	4.9	6.8	3.2
CARBON	5.8	7.7	4.3	MONTGOMERY	4.6	5.9	3.6
CENTRE	5.1	6.5	4.0	MONTOUR	5.2	6.3	4.3
CHESTER	5.2	6.9	3.9	NORTHAMPTON	4.8	6.2	3.6
CLARION	6.3	8.6	4.4	NORTHUMBERLAND	5.7	7.7	4.4
CLEARFIELD	5.8	7.6	4.4	PERRY	5.6	7.1	4.3
CLINTON	5.3	7.0	3.9	PHILADELPHIA	7.3	9.9	5.3
COLUMBIA	4.7	5.8	3.9	PIKE	5.4	7.2	3.8
CRAWFORD	5.3	7.0	3.8	POTTER	5.2	6.6	4.1
CUMBERLAND	4.7	6.2	3.6	SCHUYLKILL	6.1	8.4	4.4
DAUPHIN	5.6	7.1	4.4	SNYDER	5.5	7.1	4.2
DELAWARE	5.4	6.9	4.2	SOMERSET	5.5	7.4	3.9
ELK	5.3	7.0	3.9	SULLIVAN	5.5	6.8	4.4
ERIE	5.4	7.1	4.1	SUSQUEHANNA	5.6	7.5	4.0
FAYETTE	5.7	7.6	4.2	TIOGA	4.6	6.4	3.0
FOREST	6.5	7.7	5.4	UNION	4.8	6.0	3.9
FRANKLIN	4.8	6.2	3.7	VENANGO	5.2	6.5	4.2
FULTON	6.6	8.6	4.9	WARREN	5.1	6.3	4.0
GREENE	5.6	7.6	3.9	WASHINGTON	5.4	7.0	4.1
HUNTINGDON	6.1	8.9	3.8	WAYNE	5.0	6.7	3.4
INDIANA	5.2	6.9	3.8	WESTMORELAND	5.2	7.0	3.8
JEFFERSON	5.2	6.9	3.9	WYOMING	5.2	6.7	3.8
				YORK	5.0	6.3	3.9

---

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD; RATE PER 1,000 POPULATION.

**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

FIGURE I



H105.142 — REV 6/88

COMMONWEALTH OF PENNSYLVANIA • DEPARTMENT OF HEALTH • VITAL RECORDS

CERTIFICATE OF LIVE BIRTH

PLEASE TYPE

State File Number

VOID

CHILD

1. CHILD'S NAME *(First, Middle, Last)*
2. DATE OF BIRTH *(Month, Day, Year)*
3. TIME OF BIRTH
M.

4. SEX
5. CITY, BORO, OR TOWNSHIP OF BIRTH
6. COUNTY OF BIRTH

7. PLACE OF BIRTH: ☐Hospital ☐Freestanding Birthing Center ☐Clinic/Doctor's Office ☐Residence ☐Other *(Specify)*__________
8. FACILITY NAME *(If not institution, give street and number)*

DEATH UNDER ONE YEAR OF AGE (✓)
44. ☐

ADOPTION (✓)
45. ☐

CERTIFIER ATTENDANT

9. I certify that this child was born alive at the place and time and on the date stated. *(Signature)*
10. DATE SIGNED *(Month, Day, Year)*
11. ATTENDANT'S NAME AND TITLE *(If other than certifier) (Type/Print)*
Name __________
☐M.D. ☐D.O ☐C.N.M. ☐Other Midwife
☐Other *(Specify)* __________

12. CERTIFIER'S NAME AND TITLE *(Type/Print)*
Name__________
☐M.D. ☐D.O. ☐Hospital Admin. ☐C.N.M. ☐Other Midwife
☐Other *(Specify)* __________
13. CERTIFIER'S MAILING ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*

14. REGISTRAR'S SIGNATURE AND NUMBER
►
15. DATE FILED BY REGISTRAR *(Month, Day, Year)*

MOTHER

16a. MOTHER'S NAME *(First, Middle, Last)*
16b. MAIDEN SURNAME
17a. DATE OF BIRTH *(Month, Day, Year)*
17b. AGE

18. BIRTHPLACE *(State or Foreign Country)*
19. MAILING ADDRESS *(Street and Number, City and State, Zip Code)*

20. WHERE DOES MOTHER ACTUALLY LIVE?
20a. State __________
20b. County __________

DOES MOTHER LIVE IN A TOWNSHIP?
20c. ☐Yes, mother lives in __________ twp.
20d. ☐No, mother lives within limits of __________ city/boro.

FATHER

21. FATHER'S NAME *(First, Middle, Last)*
22a. DATE OF BIRTH *(Month, Day, Year)*
22b. AGE
23. BIRTHPLACE *(State or Foreign Country)*

INFORMANT

24a. INFORMANT
24b. RELATION TO CHILD

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

	25. OF HISPANIC ORIGIN? *(Specify No or Yes — If yes, specify Cuban, Mexican, Puerto Rican, etc.)*	26. RACE — American Indian, Black, White, etc. *(Specify below)*	27. EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	College (1-4 or 5+)
MOTHER	25a. ☐No ☐Yes Specify:	26a.	27a.	
FATHER	25b. ☐No ☐Yes Specify:	26b.	27b.	

28. PREGNANCY HISTORY *(Complete each section)*

LIVE BIRTHS *(Do not include this child)*
28a. Now Living
Number ______
☐None
28b. Now Dead
Number ______
☐None
28c. DATE OF LAST LIVE BIRTH *(Month, Year)*

OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*
28d.
Number ______
☐None
28e. DATE OF LAST OTHER TERMINATION *(Month, Year)*

29. IS MOTHER MARRIED TO FATHER?
☐YES ☐NO

30. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*

31. MONTH OF PREGNANCY PRENATAL CARE BEGAN — First, Second, Third Month, etc. *(Specify)*

32. PRENATAL VISITS — Total Number *(If none, so state)*

33. BIRTH WEIGHT *(Specify unit)*

34. CLINICAL ESTIMATE OF GESTATION *(Weeks)*

35a. PLURALITY — Single, Twin, Triplet, etc. *(Specify)*

35b. IF NOT SINGLE BIRTH — Born First, Second, Third, etc. *(Specify)*

36. APGAR SCORE
36a. 1 Minute
36b. 5 Minutes

37a. MOTHER TRANSFERRED PRIOR TO DELIVERY? ☐NO ☐YES If Yes, enter name of facility transferred from:

37b. INFANT TRANSFERRED? ☐NO ☐YES If Yes, enter name of facility transferred to:

38a. MEDICAL RISK FACTORS FOR THIS PREGNANCY *(Check all that apply)*
AIDS .... 01☐
Anemia (Hct. < 30/Hgb. < 10) .... 02☐
Cardiac disease .... 03☐
Acute or chronic lung disease .... 04☐
Diabetes .... 05☐
Genital herpes .... 06☐
Hydramnios/Oligohydramnios .... 07☐
Hemoglobinopathy .... 08☐
Hypertension, chronic .... 09☐
Hypertension, pregnancy-associated .... 10☐
Eclampsia .... 11☐
Incompetent cervix .... 12☐
Previous infant 4000+ grams .... 13☐
Previous preterm or small-for-gestational-age infant .... 14☐
Renal disease .... 15☐
Rh sensitization .... 16☐
Uterine bleeding .... 17☐
None .... 00☐
Other __________ 18☐
(Specify)

38b. OTHER RISK FACTORS FOR THIS PREGNANCY *(Complete all items)*
Tobacco use during pregnancy .... Yes☐ No☐
Average number cigarettes per day ______
Alcohol use during pregnancy .... Yes☐ No☐
Average number drinks per week ______
Weight gained during pregnancy ______ lbs.

39. OBSTETRIC PROCEDURES *(Check all that apply)*
Amniocentesis .... 01☐
Electronic fetal monitoring .... 02☐
Induction of labor .... 03☐
Stimulation of labor .... 04☐
Tocolysis .... 05☐
Ultrasound .... 06☐
None .... 00☐
Other __________ 07☐
(Specify)

40. COMPLICATIONS OF LABOR AND/OR DELIVERY *(Check all that apply)*
Febrile (> 100°F. or 38°C) .... 01☐
Meconium, moderate/heavy .... 02☐
Premature rupture of membrane (> 12 hours) .... 03☐
Abruptio placenta .... 04☐
Placenta previa .... 05☐
Other excessive bleeding .... 06☐
Seizures during labor .... 07☐
Precipitous labor (< 3 hours) .... 08☐
Prolonged labor (> 20 hours) .... 09☐
Dysfunctional labor .... 10☐
Breech/Malpresentation .... 11☐
Cephalopelvic disproportion .... 12☐
Cord prolapse .... 13☐
Anesthetic complications .... 14☐
Fetal distress .... 15☐
None .... 00☐
Other __________ 16☐
(Specify)

41. METHOD OF DELIVERY *(Check all that apply)*
Vaginal .... 01☐
Vaginal birth after previous C-section .... 02☐
Primary C-section .... 03☐
Repeat C-section .... 04☐
Forceps .... 05☐
Vacuum .... 06☐

42. ABNORMAL CONDITIONS OF THE NEWBORN *(Check all that apply)*
Anemia (Hct. < 30/Hgb. < 10) .... 01☐
Birth injury .... 02☐
Fetal alcohol syndrome .... 03☐
Hyaline membrane disease/RDS .... 04☐
Meconium aspiration syndrome .... 05☐
Assisted ventilation < 30 min .... 06☐
Assisted ventilation ≥ 30 min .... 07☐
Seizures .... 08☐
None .... 00☐
Other __________ 09☐
(Specify)

43. CONGENITAL ANOMALIES OF CHILD *(Check all that apply)*
Anencephalus .... 01☐
Spina bifida/Meningocele .... 02☐
Hydrocephalus .... 03☐
Microcephalus .... 04☐
Other central nervous system anomalies *(Specify)*__________ 05☐

Heart malformations .... 06☐
Other circulatory/respiratory anomalies *(Specify)*__________ 07☐

Rectal atresia/stenosis .... 08☐
Tracheo-esophageal fistula/Esophageal atresia .... 09☐
Omphalocele/Gastroschisis .... 10☐
Other gastrointestinal anomalies *(Specify)*__________ 11☐

Malformed genitalia .... 12☐
Renal agenesis .... 13☐
Other urogenital anomalies *(Specify)*__________ 14☐

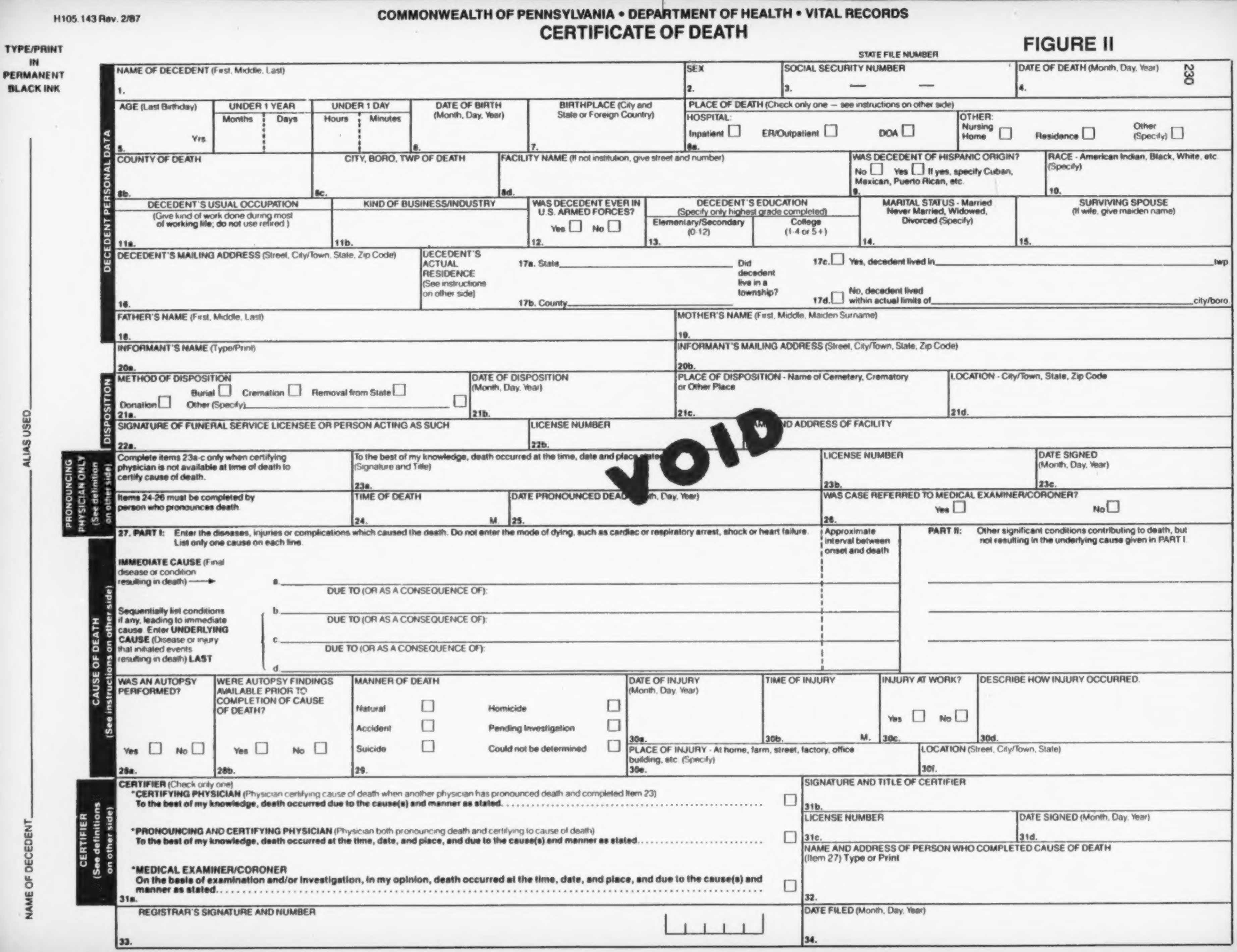
Cleft lip/palate .... 15☐
Polydactyly/Syndactyly/Adactyly .... 16☐
Club foot .... 17☐
Diaphragmatic hernia .... 18☐
Other musculoskeletal/integumental anomalies *(Specify)*__________ 19☐

Down syndrome .... 20☐
Other chromosomal anomalies *(Specify)*__________ 21☐

None .... 00☐
Other __________ 22☐
(Specify)

46. I consent to providing identifying information from this form to the Social Security Administration for the purpose of issuing a Social Security Number.
__________ (SIGNATURE) __________ (DATE)

FIGURE II



H105.143 Rev. 2/87

COMMONWEALTH OF PENNSYLVANIA • DEPARTMENT OF HEALTH • VITAL RECORDS

CERTIFICATE OF DEATH

STATE FILE NUMBER

TYPE/PRINT IN PERMANENT BLACK INK

ALIAS USED ____

NAME OF DECEDENT ____

DECEDENT PERSONAL DATA

1. NAME OF DECEDENT (First, Middle, Last)
2. SEX
3. SOCIAL SECURITY NUMBER — —
4. DATE OF DEATH (Month, Day, Year)
5. AGE (Last Birthday) Yrs — UNDER 1 YEAR: Months, Days — UNDER 1 DAY: Hours, Minutes
6. DATE OF BIRTH (Month, Day, Year)
7. BIRTHPLACE (City and State or Foreign Country)
8a. PLACE OF DEATH (Check only one — see instructions on other side) HOSPITAL: Inpatient ☐ ER/Outpatient ☐ DOA ☐ OTHER: Nursing Home ☐ Residence ☐ Other (Specify) ☐
8b. COUNTY OF DEATH
8c. CITY, BORO, TWP OF DEATH
8d. FACILITY NAME (If not institution, give street and number)
9. WAS DECEDENT OF HISPANIC ORIGIN? No ☐ Yes ☐ If yes, specify Cuban, Mexican, Puerto Rican, etc.
10. RACE - American Indian, Black, White, etc. (Specify)
11a. DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life; do not use retired.)
11b. KIND OF BUSINESS/INDUSTRY
12. WAS DECEDENT EVER IN U.S. ARMED FORCES? Yes ☐ No ☐
13. DECEDENT'S EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) College (1-4 or 5+)
14. MARITAL STATUS - Married, Never Married, Widowed, Divorced (Specify)
15. SURVIVING SPOUSE (If wife, give maiden name)
16. DECEDENT'S MAILING ADDRESS (Street, City/Town, State, Zip Code)
DECEDENT'S ACTUAL RESIDENCE (See instructions on other side) 17a. State ____ 17b. County ____ Did decedent live in a township? 17c. ☐ Yes, decedent lived in ____ twp 17d. ☐ No, decedent lived within actual limits of ____ city/boro
18. FATHER'S NAME (First, Middle, Last)
19. MOTHER'S NAME (First, Middle, Maiden Surname)
20a. INFORMANT'S NAME (Type/Print)
20b. INFORMANT'S MAILING ADDRESS (Street, City/Town, State, Zip Code)

DISPOSITION

21a. METHOD OF DISPOSITION Donation ☐ Burial ☐ Cremation ☐ Removal from State ☐ Other (Specify)____ ☐
21b. DATE OF DISPOSITION (Month, Day, Year)
21c. PLACE OF DISPOSITION - Name of Cemetery, Crematory or Other Place
21d. LOCATION - City/Town, State, Zip Code
22a. SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH
22b. LICENSE NUMBER
ND ADDRESS OF FACILITY

VOID

PRONOUNCING PHYSICIAN ONLY (See definition on other side)

Complete items 23a-c only when certifying physician is not available at time of death to certify cause of death.
23a. To the best of my knowledge, death occurred at the time, date and plac (Signature and Title)
23b. LICENSE NUMBER
23c. DATE SIGNED (Month, Day, Year)
Items 24-26 must be completed by person who pronounces death.
24. TIME OF DEATH M.
25. DATE PRONOUNCED DEA th, Day, Year)
26. WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER? Yes ☐ No ☐

CAUSE OF DEATH (See instructions on other side)

27. PART I: Enter the diseases, injuries or complications which caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock or heart failure. List only one cause on each line.

IMMEDIATE CAUSE (Final disease or condition resulting in death) ——→ a. ____

DUE TO (OR AS A CONSEQUENCE OF): b. ____

DUE TO (OR AS A CONSEQUENCE OF): c. ____

DUE TO (OR AS A CONSEQUENCE OF): d. ____

Sequentially list conditions if any, leading to immediate cause. Enter **UNDERLYING CAUSE** (Disease or injury that initiated events resulting in death) **LAST**

Approximate interval between onset and death

PART II: Other significant conditions contributing to death, but not resulting in the underlying cause given in PART I.

28a. WAS AN AUTOPSY PERFORMED? Yes ☐ No ☐
28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? Yes ☐ No ☐
29. MANNER OF DEATH Natural ☐ Accident ☐ Suicide ☐ Homicide ☐ Pending Investigation ☐ Could not be determined ☐
30a. DATE OF INJURY (Month, Day, Year)
30b. TIME OF INJURY M.
30c. INJURY AT WORK? Yes ☐ No ☐
30d. DESCRIBE HOW INJURY OCCURRED.
30e. PLACE OF INJURY - At home, farm, street, factory, office building, etc. (Specify)
30f. LOCATION (Street, City/Town, State)

CERTIFIER (See definitions on other side)

CERTIFIER (Check only one)

*CERTIFYING PHYSICIAN (Physician certifying cause of death when another physician has pronounced death and completed Item 23) **To the best of my knowledge, death occurred due to the cause(s) and manner as stated.** ☐

*PRONOUNCING AND CERTIFYING PHYSICIAN (Physician both pronouncing death and certifying to cause of death) **To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.** ☐

*MEDICAL EXAMINER/CORONER **On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.** ☐

31a.
31b. SIGNATURE AND TITLE OF CERTIFIER
31c. LICENSE NUMBER
31d. DATE SIGNED (Month, Day, Year)
32. NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 27) Type or Print
33. REGISTRAR'S SIGNATURE AND NUMBER
34. DATE FILED (Month, Day, Year)

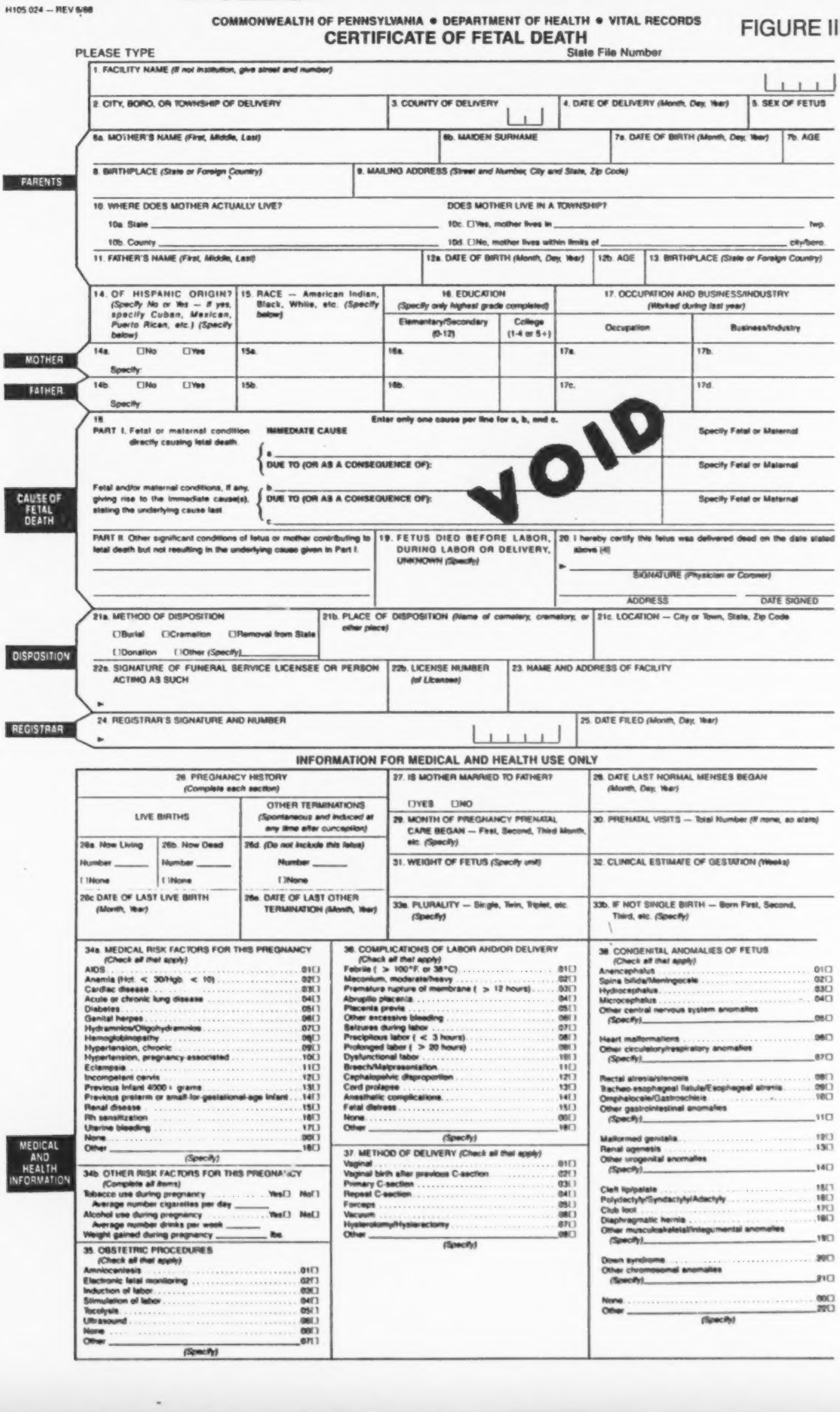


FIGURE III

H105 024 — REV 6/88

COMMONWEALTH OF PENNSYLVANIA • DEPARTMENT OF HEALTH • VITAL RECORDS

CERTIFICATE OF FETAL DEATH

PLEASE TYPE

State File Number

VOID

PARENTS

1. FACILITY NAME *(If not institution, give street and number)*

2. CITY, BORO, OR TOWNSHIP OF DELIVERY	3. COUNTY OF DELIVERY	4. DATE OF DELIVERY *(Month, Day, Year)*	5. SEX OF FETUS

6a. MOTHER'S NAME *(First, Middle, Last)*	6b. MAIDEN SURNAME	7a. DATE OF BIRTH *(Month, Day, Year)*	7b. AGE

8. BIRTHPLACE *(State or Foreign Country)*	9. MAILING ADDRESS *(Street and Number, City and State, Zip Code)*

10. WHERE DOES MOTHER ACTUALLY LIVE?

10a. State ______

10b. County ______

DOES MOTHER LIVE IN A TOWNSHIP?

10c. ☐Yes, mother lives in ______ twp.

10d. ☐No, mother lives within limits of ______ city/boro.

11. FATHER'S NAME *(First, Middle, Last)*	12a. DATE OF BIRTH *(Month, Day, Year)*	12b. AGE	13. BIRTHPLACE *(State or Foreign Country)*

	14. OF HISPANIC ORIGIN? *(Specify No or Yes — If yes, specify Cuban, Mexican, Puerto Rican, etc.) (Specify below)*	15. RACE — American Indian, Black, White, etc. *(Specify below)*	16. EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	College (1-4 or 5+)	17. OCCUPATION AND BUSINESS/INDUSTRY *(Worked during last year)* Occupation	Business/Industry
MOTHER	14a. ☐No ☐Yes Specify:	15a.	16a.		17a.	17b.
FATHER	14b. ☐No ☐Yes Specify:	15b.	16b.		17c.	17d.

CAUSE OF FETAL DEATH

18.

Enter only one cause per line for a, b, and c.

PART I. Fetal or maternal condition directly causing fetal death.

IMMEDIATE CAUSE

a. ______ Specify Fetal or Maternal

DUE TO (OR AS A CONSEQUENCE OF): Specify Fetal or Maternal

Fetal and/or maternal conditions, if any, giving rise to the immediate cause(s), stating the underlying cause last.

b. ______

DUE TO (OR AS A CONSEQUENCE OF): Specify Fetal or Maternal

c. ______

PART II. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I.	19. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN *(Specify)*	20. I hereby certify this fetus was delivered dead on the date stated above (4) ► ______ SIGNATURE *(Physician or Coroner)* ADDRESS DATE SIGNED

DISPOSITION

21a. METHOD OF DISPOSITION ☐Burial ☐Cremation ☐Removal from State ☐Donation ☐Other *(Specify)* ______	21b. PLACE OF DISPOSITION *(Name of cemetery, crematory, or other place)*	21c. LOCATION — City or Town, State, Zip Code
22a. SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH ►	22b. LICENSE NUMBER *(of Licensee)*	23. NAME AND ADDRESS OF FACILITY

REGISTRAR

24. REGISTRAR'S SIGNATURE AND NUMBER ►	25. DATE FILED *(Month, Day, Year)*

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

MEDICAL AND HEALTH INFORMATION

26. PREGNANCY HISTORY *(Complete each section)*

LIVE BIRTHS		OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*
26a. Now Living Number ______ ☐None	26b. Now Dead Number ______ ☐None	26d. *(Do not include this fetus)* Number ______ ☐None
26c DATE OF LAST LIVE BIRTH *(Month, Year)*		26e. DATE OF LAST OTHER TERMINATION *(Month, Year)*

27. IS MOTHER MARRIED TO FATHER? ☐YES ☐NO	28. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*
29. MONTH OF PREGNANCY PRENATAL CARE BEGAN — First, Second, Third Month, etc. *(Specify)*	30. PRENATAL VISITS — Total Number *(If none, so state)*
31. WEIGHT OF FETUS *(Specify unit)*	32. CLINICAL ESTIMATE OF GESTATION *(Weeks)*
33a. PLURALITY — Single, Twin, Triplet, etc. *(Specify)*	33b. IF NOT SINGLE BIRTH — Born First, Second, Third, etc. *(Specify)*

34a. MEDICAL RISK FACTORS FOR THIS PREGNANCY *(Check all that apply)*

AIDS	01☐
Anemia (Hct. < 30/Hgb. < 10)	02☐
Cardiac disease	03☐
Acute or chronic lung disease	04☐
Diabetes	05☐
Genital herpes	06☐
Hydramnios/Oligohydramnios	07☐
Hemoglobinopathy	08☐
Hypertension, chronic	09☐
Hypertension, pregnancy-associated	10☐
Eclampsia	11☐
Incompetent cervix	12☐
Previous infant 4000+ grams	13☐
Previous preterm or small-for-gestational-age infant	14☐
Renal disease	15☐
Rh sensitization	16☐
Uterine bleeding	17☐
None	00☐
Other ______ *(Specify)*	18☐

34b. OTHER RISK FACTORS FOR THIS PREGNANCY *(Complete all items)*

Tobacco use during pregnancy .... Yes☐ No☐

Average number cigarettes per day ______

Alcohol use during pregnancy .... Yes☐ No☐

Average number drinks per week ______

Weight gained during pregnancy ______ lbs.

35. OBSTETRIC PROCEDURES *(Check all that apply)*

Amniocentesis	01☐
Electronic fetal monitoring	02☐
Induction of labor	03☐
Stimulation of labor	04☐
Tocolysis	05☐
Ultrasound	06☐
None	00☐
Other ______ *(Specify)*	07☐

36. COMPLICATIONS OF LABOR AND/OR DELIVERY *(Check all that apply)*

Febrile (> 100°F. or 38°C)	01☐
Meconium, moderate/heavy	02☐
Premature rupture of membrane (> 12 hours)	03☐
Abruptio placenta	04☐
Placenta previa	05☐
Other excessive bleeding	06☐
Seizures during labor	07☐
Precipitous labor (< 3 hours)	08☐
Prolonged labor (> 20 hours)	09☐
Dysfunctional labor	10☐
Breech/Malpresentation	11☐
Cephalopelvic disproportion	12☐
Cord prolapse	13☐
Anesthetic complications	14☐
Fetal distress	15☐
None	00☐
Other ______ *(Specify)*	16☐

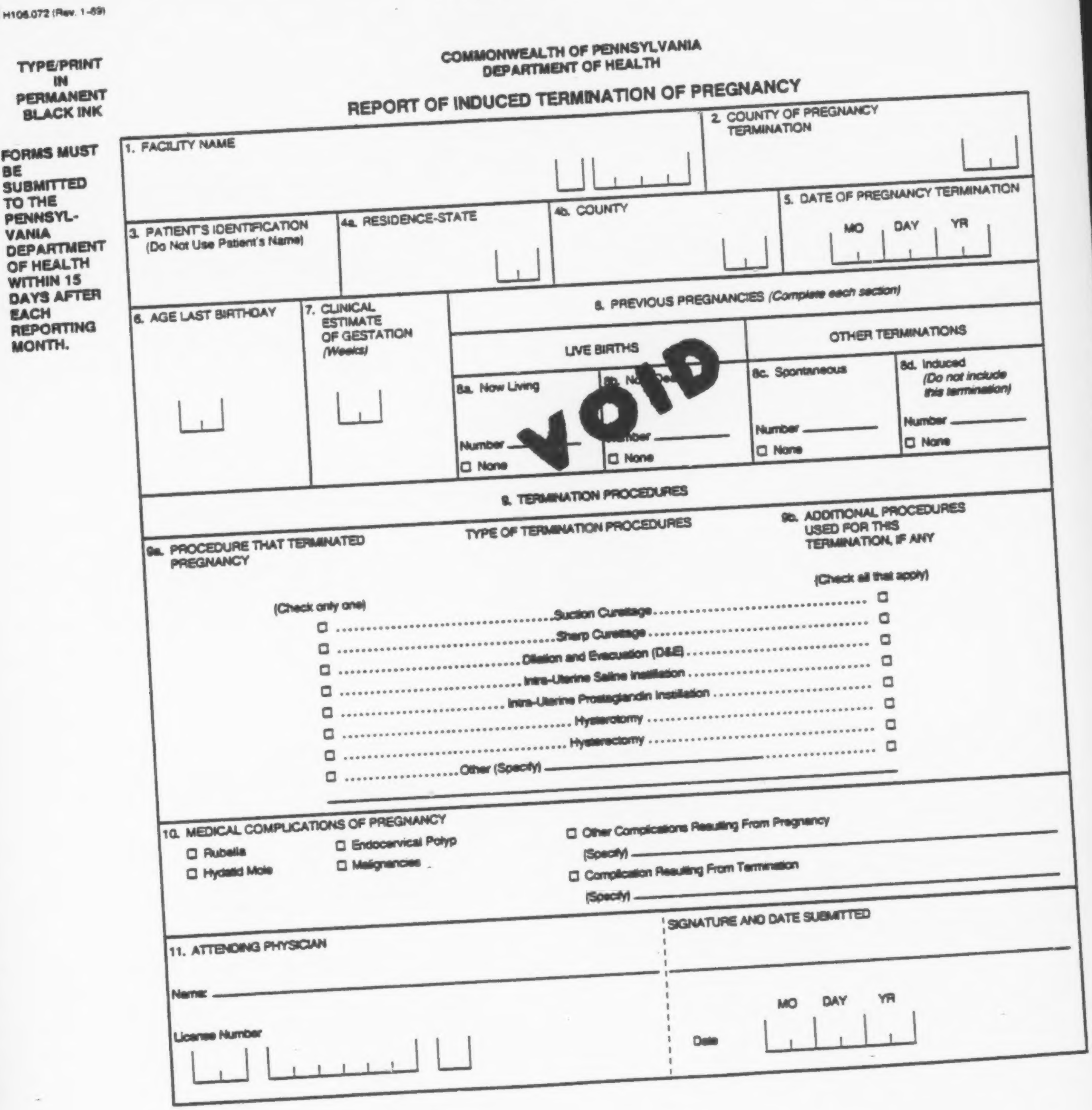
37. METHOD OF DELIVERY *(Check all that apply)*

Vaginal	01☐
Vaginal birth after previous C-section	02☐
Primary C-section	03☐
Repeat C-section	04☐
Forceps	05☐
Vacuum	06☐
Hysterotomy/Hysterectomy	07☐
Other ______ *(Specify)*	08☐

38. CONGENITAL ANOMALIES OF FETUS *(Check all that apply)*

Anencephalus	01☐
Spina bifida/Meningocele	02☐
Hydrocephalus	03☐
Microcephalus	04☐
Other central nervous system anomalies *(Specify)* ______	05☐
Heart malformations	06☐
Other circulatory/respiratory anomalies *(Specify)* ______	07☐
Rectal atresia/stenosis	08☐
Tracheo-esophageal fistula/Esophageal atresia	09☐
Omphalocele/Gastroschisis	10☐
Other gastrointestinal anomalies *(Specify)* ______	11☐
Malformed genitalia	12☐
Renal agenesis	13☐
Other urogenital anomalies *(Specify)* ______	14☐
Cleft lip/palate	15☐
Polydactyly/Syndactyly/Adactyly	16☐
Club foot	17☐
Diaphragmatic hernia	18☐
Other musculoskeletal/integumental anomalies *(Specify)* ______	19☐
Down syndrome	20☐
Other chromosomal anomalies *(Specify)* ______	21☐
None	00☐
Other ______ *(Specify)*	22☐

FIGURE IV



File №

H106.072 (Rev. 1-89)

TYPE/PRINT IN PERMANENT BLACK INK

FORMS MUST BE SUBMITTED TO THE PENNSYLVANIA DEPARTMENT OF HEALTH WITHIN 15 DAYS AFTER EACH REPORTING MONTH.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

REPORT OF INDUCED TERMINATION OF PREGNANCY

1. FACILITY NAME

2. COUNTY OF PREGNANCY TERMINATION

3. PATIENT'S IDENTIFICATION (Do Not Use Patient's Name)

4a. RESIDENCE-STATE

4b. COUNTY

5. DATE OF PREGNANCY TERMINATION MO DAY YR

6. AGE LAST BIRTHDAY

7. CLINICAL ESTIMATE OF GESTATION *(Weeks)*

8. PREVIOUS PREGNANCIES *(Complete each section)*

LIVE BIRTHS

8a. Now Living
Number
☐ None

8b. Now Dead
Number
☐ None

OTHER TERMINATIONS

8c. Spontaneous
Number
☐ None

8d. Induced *(Do not include this termination)*
Number
☐ None

VOID

9. TERMINATION PROCEDURES

9a. PROCEDURE THAT TERMINATED PREGNANCY (Check only one)

TYPE OF TERMINATION PROCEDURES

9b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (Check all that apply)

9a.		9b.
☐	Suction Curettage	☐
☐	Sharp Curettage	☐
☐	Dilation and Evacuation (D&E)	☐
☐	Intra-Uterine Saline Instillation	☐
☐	Intra-Uterine Prostaglandin Instillation	☐
☐	Hysterotomy	☐
☐	Hysterectomy	☐
☐	Other (Specify)	☐

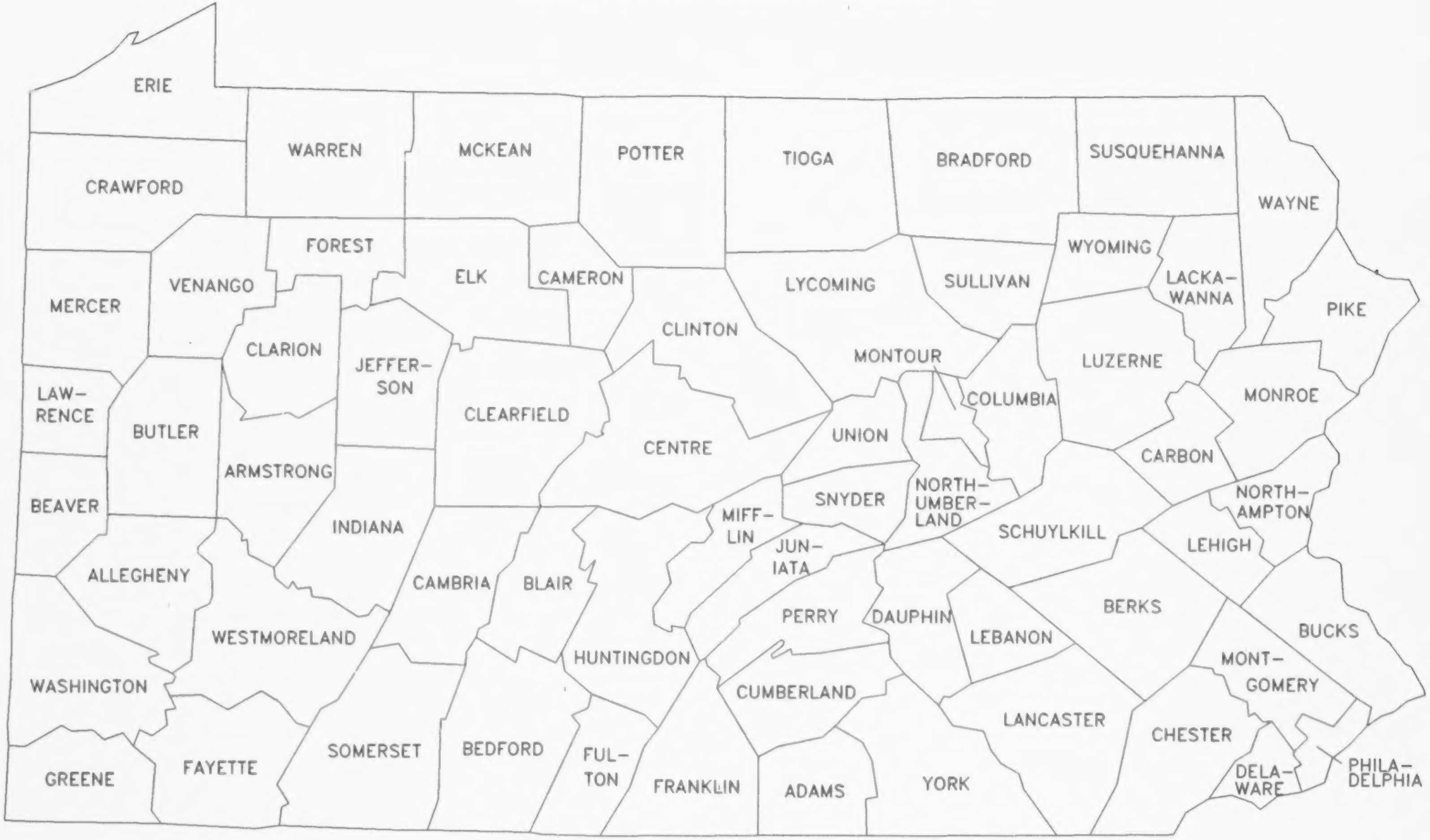
10. MEDICAL COMPLICATIONS OF PREGNANCY
☐ Rubella
☐ Hydatid Mole
☐ Endocervical Polyp
☐ Malignancies
☐ Other Complications Resulting From Pregnancy (Specify)
☐ Complication Resulting From Termination (Specify)

11. ATTENDING PHYSICIAN
Name:
License Number

SIGNATURE AND DATE SUBMITTED
Date MO DAY YR

FIGURE V

PENNSYLVANIA COUNTY OUTLINE MAP



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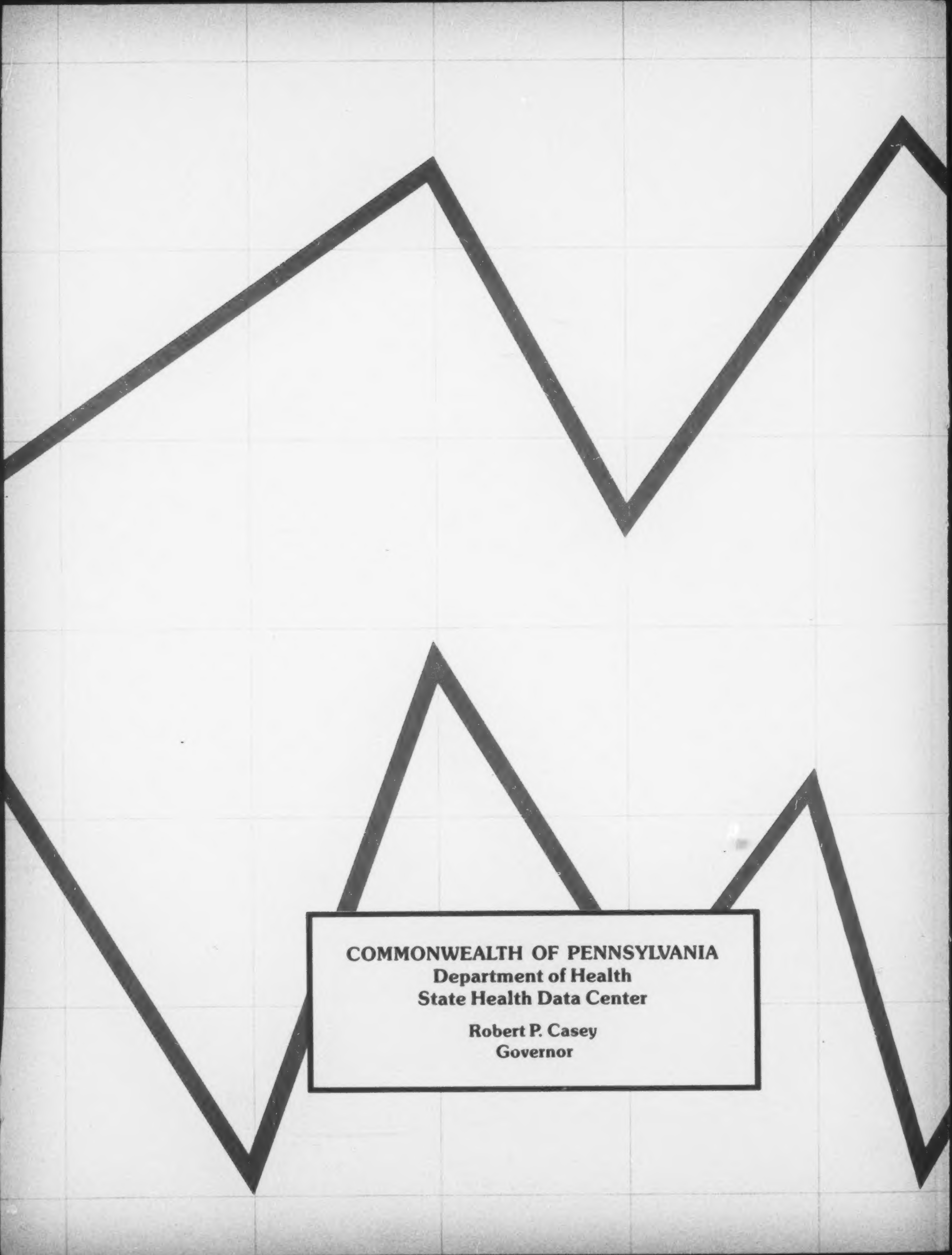

COMMONWEALTH OF PENNSYLVANIA
Department of Health
State Health Data Center

Robert P. Casey
Governor